

TOWN OF BOW, NEW HAMPSHIRE

Capital Improvements Plan FY2020-21 through FY2025-26

CIP Committee

2019

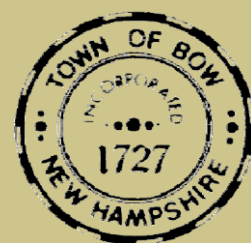


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Introduction

The preparation and adoption of a Capital Improvements Plan (CIP) is an important part of Bow's planning process. A CIP aims to recognize and resolve deficiencies in existing public facilities and anticipate and meet future demand for capital facilities. A CIP is a multi-year schedule that lays out a series of municipal, school, and library projects and their associated costs. Over the six-year period considered by the CIP, it shows how the Town should plan to expand or renovate facilities and services to meet the demands of existing or new population and businesses.

A CIP is an advisory document that can serve a number of purposes, among them to:

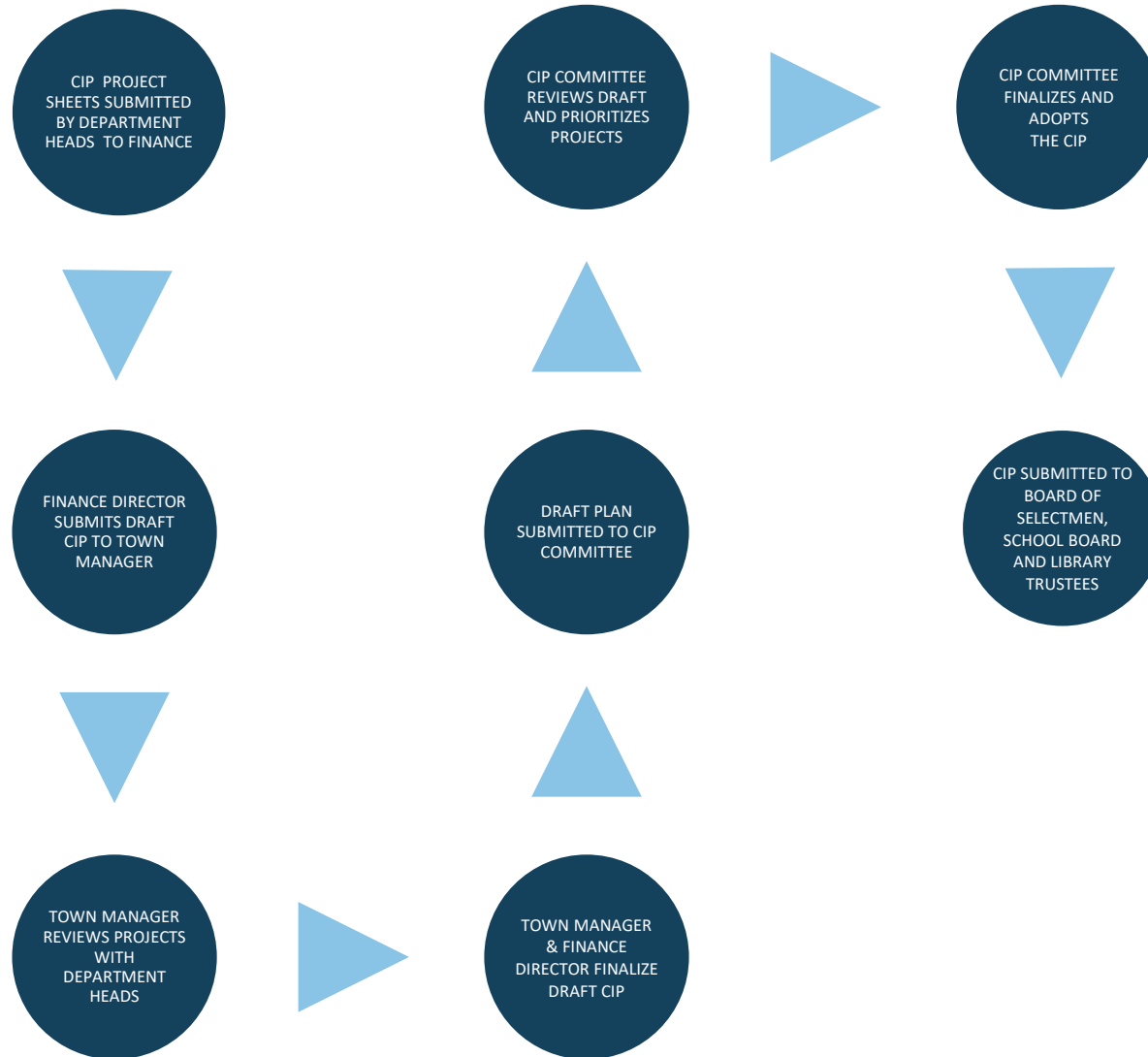
- Guide the Board of Selectmen, School Board, Library Trustees and the Budget Committee in the annual budgeting processes;
- Contribute to stabilizing the Town's real property tax rate;
- Aid the prioritization, coordination, and sequencing of various municipal improvements;
- Inform residents, business owners, and developers of planned improvements;
- Provide the necessary legal basis, continued administration and periodic updates of the Bow Impact Fee Ordinance.

It must be emphasized that the CIP is purely advisory in nature. Ultimate funding decisions are subject to the budgeting process and the annual Town and School District Meetings. The CIP Committee is bringing Department project requests to the attention of the Town, along with recommended priorities, in the hope of facilitating decision making by the Town.

The Program of Capital Expenditures herein provides a guide for budgeting and development of Bow's public facilities. The CIP Committee will review and update the CIP each year prior to budget deliberations. The CIP may be modified each year based on changes in needs and priorities. As noted in the Plan, there are projects proposed where the CIP Committee has determined that there is not enough information to make a recommendation concerning a proposed capital project. These are topics in the opinion of the Committee that should be studied in further detail before funding decisions should be made.

The Capital Improvements Committee has worked hard over the past few months to improve the effectiveness of capital facilities programming in Bow. It is hoped that the improvements made during this time can continue to be refined and evaluated for their effectiveness in future years. The CIP Committee believes that Bow has made great strides in process and format of the Capital Improvements Plan and is hopeful that the improvements have made a difference to the Planning Board, Board of Selectmen, School Board, Library Trustees and Budget Committee as they prepare budgets each year.

CIP Processes



Financing Methods

In the project summaries below, there are several different financing methods used. Four methods require appropriations; either as part of the Town's annual operating budget or as independent warrant articles at Town Meeting.

- The ***1-Year Appropriation (GF)*** is the most common method, and refers to those projects proposed to be funded by real property tax revenues within a single fiscal year.
- The ***Capital Reserve (CRF)*** method requires appropriations over more than one year, with the actual project being accomplished only when the total appropriations meet the project cost.
- ***Lease/Purchase (LP)*** method has been used by the School District and other departments for the purchase of major vehicles.
- ***Bonds (BD)*** are generally limited to the most expensive capital projects, such as major renovations, additions, or new construction of school or municipal buildings or facilities, and allow capital facilities needs to be met immediately while spreading out the cost over many years in the future.
- ***Fund Balance (FB)*** may be used to finance capital projects as approved by Town Meeting.
- ***Impact fees (IF)*** are collected from new development to pay for new facility capacity and placed in a fund until they are either expended within six years as part of the project finance or they are returned to the party they were collected from.
- ***Grants (GR)*** are also utilized to fund capital projects in Bow. Typically, grants will cover a portion of the overall project cost, and the Town is responsible for the remaining percentage of the project cost.
- ***Tax Increment Financing (TIF)***. TIF Districts allow the Town to use increases in valuation of property to directly pay off bonds for infrastructure improvements and capital projects in the district. TIF Districts are set up and administered according to NH RSA's, Chapter 162-K.
- ***Public/Private Partnerships (PPP)*** Lastly, the Town can take advantage of ***Public/Private Partnerships***, where a private organization shares the costs of funding a capital project.
- ***To Be Determined (TBD)*** Uncertain of cost, funding or project timeline.

Identification and Evaluation of Town & School Capital Needs

The Bow CIP Committee uses worksheet forms that are filled out annually and submitted by the Town Manager and Select Board, Library Trustees, and School Board to identify potential capital needs and explain these project requests. Forms are tailored by the CIP Committee and the Finance Department to generate information that defines the relative need and urgency for projects, and which also enables long-term monitoring of the useful life and returns from projects. The CIP submittal form is included in Appendix B. After written descriptions of potential capital projects are submitted, requestors are asked to come before the CIP Committee, as needed, to explain their capital needs and priorities and to explore with the CIP Committee the alternative approaches available to achieve the optimum level of capital needs and improvements.

The CIP Committee evaluates the submitted requests and assigns them to the six-year schedule according to the priority of all capital requests. The following pages describe each of the requests that have been placed in the six year CIP program for projects exceeding \$25,000, and include: spreadsheets of the schedule, funding sources, tax impacts, and other required information. There are several projects included in this plan that fall below the \$25,000 threshold due to them being included and contributions being made to the Capital Reserve Funds prior to establishment of the CIP Committee. Projects not meeting either CIP criteria or projected six year window are identified as possible future projects.

Conclusion and Recommendations

The Committee has identified several significant projects that should be addressed in the next few years whose costs are significant enough that saving up for them through Capital Reserve accounts is not practical. In order to accomplish these projects, the Committee has determined that bonding some or all of the costs is the most feasible option to minimize the impact on the taxpayer. Even though the projects are in preliminary or pre-preliminary phases with very rough cost estimates and timeframes the Committee felt their impact was significant enough that they should be included in the Capital Improvements Plan, at least on some level. The cost estimates and timeframes were chosen by the Committee based on best information available and are not the result of recommendations from any other governing body. In the past, the Committee has not looked into the option of bonding projects, however these projects are large enough that the Committee began exploring that option this year. Below are outlines of the projects as viewed by the Committee.

- Renovation of the Bow Elementary School, which the Committee, for planning purposes, has estimated at a cost of roughly \$10,000,000 and to take place in fiscal year 2021-22. The Committee suggests using \$1,700,000 from Capital Reserve funds and bonding the remaining \$8,300,000 for a period of 15 years. Bond rates currently range from 1.62% to 3.50% so the Committee estimated the rate at 2.5% for planning purposes. This would result in an annual payment starting at \$753,917 and declining over subsequent years. The Committee also added \$100,000 to year 2020-21 of the plan to fund architectural costs.
- The Committee continues to put a high priority on providing clean, potable water to the Route 3A corridor and Bow Junction. Due to the significant number of unknowns in the project at this time, the Committee has not gone any further in the planning process. The Committee anticipates that this project will require bonding.
- Renovation or replacement of the Community Center. The Selectmen have engaged a company to solicit input through various forums in order to determine the desires of the community and scope of the project. The Committee recommends a \$5,000 appropriation to the Community Center Capital Reserve fund for that purpose. The Committee anticipates that this project will require bonding.
- Renovation of the Municipal Office Building. A space needs study has been completed on this building suggesting relocation of some offices and renovation of the existing space with an estimated cost of \$1.5 million. Because of the financial impact of the project, the Committee chose to tentatively schedule it in FY2026-27, the year following the formal Capital Improvements Plan. The Committee asks that the feasibility of phasing the project be looked into. The Committee anticipates that this project may require bonding with some funding coming from capital reserves.
- The Committee suggests that a joint Town and School Building Committee be formed to evaluate all of the town and school buildings and to make recommendations on major renovations.

The Committee made additional changes and recommendations to the Capital Improvements Plan.

- The Committee recommends increasing the appropriation for Annual Road Paving/ Reconstruction from \$440,000 to \$550,000 in order to maintain the quality of the roads.
- The Committee recommends delaying the Bow Bog Road Culvert and Falcon Way / White Rock Hill Road Intersection projects in order to fund additional costs on the Dunklee Road Bridge and Route 3A/Dunklee Road Intersection projects without increasing the contribution to the Bridge and Highway CRF.
- The Committee recommends the replacement of the Salt Shed in 2020-21 at a reduced cost of \$275,000 which is a reduction from \$450,000. This would fund the replacement of the salt shed only. Construction of a mixing shed would cost an additional \$75,000 and the Committee has recommended scheduling that project in 2022-23.
- The Committee recommends replacing the fuel tanks at Public Works in 2020-21 at a revised cost of \$176,000 with an offsetting contribution by the School District of \$58,000.
- The Committee recommends delaying the Municipal Office Building Heating and Electrical System Upgrades to 2026-27 to coincide with the Building Renovation project.

The Committee after much review has made the following recommendations for the contributions to the Capital Reserve Accounts and these recommendations are depicted in the individual capital reserve spreadsheets in this report:

- Reduce the contribution to the Fire Department Equipment Capital Reserve from \$37,000 to \$33,000 for FY20/21 through FY25/26 to take into account revisions to the replacement schedule.
- Level fund the contribution to the Library Maintenance Trust Fund at \$20,000 for FY20/21 through FY25/26.
- Level fund the contribution to the Police Department Vehicles and Equipment Capital Reserve Account at \$30,000 for FY20/21 through FY25/26.
- Level fund the contribution to the Municipal Buildings and Grounds Capital Reserve at \$65,000 for FY20/21 through FY25/26.
- Level fund the contribution to the Bridge and Highway Capital Reserve at \$120,000 for FY20/21 through FY25/26.
- Level fund the Bow School District CRF at \$400,000 for FY20/21 through FY25/26.
- Increase the contribution to the Parks and Recreation Department Improvements Capital Reserve from \$16,000 to \$20,000 for FY20/21 through FY25/26 to reflect revised cost estimates for the equipment shed.

- Increase the contribution to the BHS Capital Improvements CRF from \$70,000 to \$100,000 for FY2021 through FY25/26 in order to better fund the BHS HVAC and roof replacement scheduled for 2027-28.
- Increase the contribution to the Fire Department Trucks and Ambulances Capital Reserve from \$100,000 to \$112,500 for FY20/21 through FY25/26 to reflect revised vehicle costs.
- Increase the contribution to the Public Works Highway Equipment Capital Reserve from \$180,000 to \$192,500 for FY20/21 through FY25/26 in order to fully fund the vehicle and equipment replacement schedule.
- Make a contribution to the Library Emergency Repair Capital Reserve Fund of \$5,000 for FY20/21 in order to bring the fund up to \$30,000 level which will allow for the replacement of one of the air conditioning units should it fail.
- Resume the contribution to the Community Center CRF at \$5,000 for FY20/21 through FY25/26.
- Create a Fire Suppression Water Supply Capital Reserve Fund for the purpose of repair and replacement of water cisterns used for fire suppression and contribute \$10,000 for FY20/21 through FY25/26.
- Create a Public Water Capital Replacement/System Improvement Capital Reserve Fund for the purpose of replacement and upgrade of the water system infrastructure and capital assets and to contribute \$50,000 for FY20/21 through FY25/26.

The Committee also reviewed the following changes that were made during the budget process to the capital reserve contribution levels that the committee had recommended.

Capital Reserve Fund	FY19/20 Committee Recommendation	2019 Town/School Meeting Approval	FY20/21 Committee Recommendation
Bridge & Highway Construction	\$120,000	\$120,000	\$120,000
Public Works Equipment	\$180,000	\$180,000	\$192,500
Fire Department Equipment	\$37,000	\$37,000	\$33,000
Police Equipment	\$30,000	\$30,000	\$30,000
Recreation Improvements	\$16,000	\$16,000	\$20,000
Municipal Buildings & Grounds	\$65,000	\$65,000	\$65,000
Fire Trucks	\$100,000	\$100,000	\$112,500
Library Emergency Repair	\$8,000	\$8,000	\$5,000
Library Building Maintenance	\$20,000	\$20,000	\$20,000
Community Center	\$50,000	\$0	\$5,000
Fire Suppression Water Supply	n/a	n/a	\$10,000
Public Water System(s)	n/a	n/a	\$50,000
Bow School District	\$300,000	\$400,000	\$400,000
BHS Capital Improvements	\$70,000	\$0	\$100,000
Total	\$996,000	\$976,000	\$1,163,000

The Committee recommends total contributions of \$1,163,000 to the Town and School capital reserve funds. This is a \$167,000 increase over last year's recommendation due to the addition of two new capital reserve funds, increases in the contributions to the School Capital Reserve Funds, and minor adjustments to contribution for some of the other Capital Reserve Funds.

Respectfully Submitted,

William Oldenburg, Chair (Planning Board Representative)

Dik Dagavarian (Citizen Representative)

Glenn Dugas (Citizen Representative)

Mark Davis (Citizen Representative)

Colleen Hunter (Select Board Representative)

Jennifer Strong-Rain (School Board Representative)

Jeffrey Knight (Budget Committee Representative)

The Committee would like to thank the following for their assistance and valuable insight:

David Stack, Town Manager

Geoff Ruggles, Finance Director

Margaret Lougee, Police Chief

Mitchell Harrington, Fire Chief

Timothy Sweeney, Director of Public Works

Noel Gourley, DPW Highway Foreman

Library Trustees

SAU #67 and the Bow School Board

Duane Ford, Assistant Superintendent

Town of Bow									
Summary of Capital Improvement Projects and Funding									
Bridge and Highway Construction									
Funding Source	Current	Purchase							
Purchase / Project	Est. Cost	Year	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
General Fund Taxation									
Annual Road Paving	550,000	2019-20	550,000	550,000	550,000	550,000	550,000	550,000	550,000
Total:	550,000		550,000	550,000	550,000	550,000	550,000	550,000	550,000
Bridge Capital Reserve Fund									
Page Road culvert - Br. London TPK	45,900	2022-23	-	-	47,754	-	-	-	-
Bow Bog Rd culvert Engineering	60,000	2022-23	-	-	62,424	-	-	-	-
River Road Bridge Design	165,000	2023-24	-	-	-	175,099	-	-	-
Bow Bog Road culvert	30,000	2024-25	-	-	-	-	32,473	-	-
Total:	-		-	-	110,178	175,099	32,473	-	-
Beginning Capital Reserve Balance			325,877	325,877	325,877	215,698	40,599	8,126	
Proposed Contribution			-	-	-	-	-	-	-
State Bridge Aid Reimbursement									
Proposed Expenditure			-	-	(110,178)	(175,099)	(32,473)	-	-
Ending Est. Capital Reserve Balance			325,877	325,877	215,698	40,599	8,126	8,126	
Bridge & Highway Construction Capital Reserve Fund									
Dunklee Bridge	1,374,287	2020-21	1,374,287	-	-	-	-	-	-
Dunklee /Rt 3A Intersection	1,272,432	2020-21	1,272,432	-	-	-	-	-	-
Page Road Bridge	939,300	2023-24	-	-	-	996,793	-	-	-
Bow Bog Road culvert	339,000	2024-25	-	-	-	-	366,945	-	-
Falcon Way/WhRock Int. Engineering	61,200	2024-25	-	-	-	-	66,245	-	-
River Road Bridge	1,091,280	2025-26	-	-	-	-	-	1,204,861	-
River Rd/Rte 3A Int. Engineering	60,000	2026-27	-	-	-	-	-	-	-
Falcon Way/White Rock Hill Rd Inters	300,000	2026-27	-	-	-	-	-	-	-
Page Rd Drainage Engineering	61,200	2027-28	-	-	-	-	-	-	-
River Rd/Rte 3A Intersection	300,000	2028-29	-	-	-	-	-	-	-
Page Road Drainage system	255,000	2029-30	-	-	-	-	-	-	-
White Rock Hill Culvert	40,000	2030-31	-	-	-	-	-	-	-
Garvin Falls Road Culvert	98,750	2058-69	-	-	-	-	-	-	-
Birchdale Road Bridge	722,000	2067-68	-	-	-	-	-	-	-
River Road culvert - boat ramp	50,000	2068-69	-	-	-	-	-	-	-
So. Bow Road culverts (3)	120,000	2068-69	-	-	-	-	-	-	-
Total:	7,935,349		2,646,719	-	-	996,793	433,189	1,204,861	
Beginning Capital Reserve Balance			714,987	117,854	237,854	357,854	146,421	357,006	
Proposed Contribution			120,000	120,000	120,000	120,000	120,000	120,000	
State Bridge Aid Reimbursement			1,929,586			665,360	523,774	728,240	
Proposed Expenditure			(2,646,719)	-	-	(996,793)	(433,189)	(1,204,861)	
Ending Est. Capital Reserve Balance			117,854	237,854	357,854	146,421	357,006	385	

Town of Bow

Summary of Capital Improvement Projects and Funding

Municipal Facilities

Funding Source	Current	Purchase							
Purchase / Project	Est. Cost	Year	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
			2020	2021	2022	2023	2024	2025	
General Fund Taxation									
	0	2019-20	-	-	-	-	-	-	-
Total:	-		-	-	-	-	-	-	-
General Fund Bonding									
Total Annual Bond Payments:			-	-	-	-	-	-	-

Municipal Buildings and Grounds CRF

Municipal Office Building (1927)									
Roof - asphalt	59,160	2047-48	-	-	-	-	-	-	-
Exterior Walls - vinyl siding	42,687	2037-38	-	-	-	-	-	-	-
Main Level Bathrooms	75,000	2020-21	75,000	-	-	-	-	-	-
Heating System	45,900	2026-27	-	-	-	-	-	-	-
Electrical	86,700	2026-27	-	-	-	-	-	-	-
Municipal Building Renovation	0	2026-27	-	-	-	-	-	-	-
Air Conditioning	35,700	2027-28	-	-	-	-	-	-	-
Generator	27,540	2036-37	-	-	-	-	-	-	-
Paving/Drainage	91,800	2034-35	-	-	-	-	-	-	-
Total:	464,487		75,000	-	-	-	-	-	-
Public Works Building (1987)									
Roof - metal	168,300	2037-38	-	-	-	-	-	-	-
Roof - membrane	25,500	2032-33	-	-	-	-	-	-	-
Exterior Walls - metal	86,700	2051-52	-	-	-	-	-	-	-
Exterior Walls - vinyl siding	25,500	2044-45	-	-	-	-	-	-	-
Fuel System Replacement ¹	117,920	2020-21	117,920	-	-	-	-	-	-
Salt Shed	275,000	2020-21	275,000	-	-	-	-	-	-
Air Conditioning	45,900	2025-26	-	-	-	-	-	-	50,677
Generator	35,700	2039-40	-	-	-	-	-	-	-
Paving	71,400	2026-27	-	-	-	-	-	-	-
Heating System	71,400	2028-29	-	-	-	-	-	-	-
Drainage	25,500	2037-38	-	-	-	-	-	-	-
Mixing Shed	75,000	2022-23	-	-	78,030	-	-	-	-
Total:	1,023,820		392,920	-	78,030	-	-	-	50,677
Public Safety Center (2017)									
Roof - asphalt	90,678	2046-47	-	-	-	-	-	-	-
Exterior Walls - vinyl siding	88,536	2046-47	-	-	-	-	-	-	-
Flooring - carpet	67,626	2027-28	-	-	-	-	-	-	-
Garage Doors	45,843	2031-32	-	-	-	-	-	-	-
HVAC	172,482	2036-37	-	-	-	-	-	-	-
Generator	77,214	2037-38	-	-	-	-	-	-	-
Paving	142,086	2032-33	-	-	-	-	-	-	-
Drainage	25,500	2067-68	-	-	-	-	-	-	-
Total:	7,527,327		-	-	-	-	-	-	-
Beginning Capital Reserve Balance			420,510	17,590	82,590	69,560	134,560	199,560	
Proposed Contribution			65,000	65,000	65,000	65,000	65,000	65,000	
Proposed Expenditure			(467,920)	-	(78,030)	-	-	(50,677)	
Ending Est. Capital Reserve Balance			17,590	82,590	69,560	134,560	199,560	213,882	
1-School District to contribute an additional \$58,080									

Town of Bow										
Summary of Capital Improvement Projects and Funding										
Municipal Facilities										
Funding Source	Current	Purchase	Est.							
Purchase / Project	Est. Cost	Year	Life	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
				2020	2021	2022	2023	2024	2025	
Community Center CRF										
			0	-	-	-	-	-	-	-
<i>Total:</i>	-			-	-	-	-	-	-	-
Beginning Capital Reserve Balance				5,071	10,071	15,071	20,071	25,071	30,071	
Proposed Contribution				5,000	5,000	5,000	5,000	5,000	5,000	
Proposed Expenditure				-	-	-	-	-	-	-
Ending Est. Capital Reserve Balance				10,071	15,071	20,071	25,071	30,071	35,071	
Municipal Facilities Emergency CRF*										
			0	-	-	-	-	-	-	-
<i>Total:</i>	-			-	-	-	-	-	-	-
Beginning Capital Reserve Balance				31,241	31,241	31,241	31,241	31,241	31,241	
Proposed Contribution										
Proposed Expenditure				-	-	-	-	-	-	-
Ending Est. Capital Reserve Balance				31,241	31,241	31,241	31,241	31,241	31,241	
<i>*Selectmen are agents to expend</i>										

Town of Bow										
Summary of Capital Improvement Projects and Funding										
Public Works Department										
Funding Source	Current	Purchase	Est.							
Purchase / Project	Est. Cost	Year	Life	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
Public Works Capital Reserve Fund										
2004 10-Wheel Dump Truck (T-6)	225,854	2020-21	20	225,854	-	-	-	-	-	-
2010 1-Ton Utility Truck (T-9)	76,500	2020-21	8	76,500	-	-	-	-	-	-
2008 6-Wheel Dump Truck (T-5)	178,720	2020-21	15	178,720	-	-	-	-	-	-
2008 6-Wheel Dump Truck (T-4)	178,720	2021-22	15	-	182,294	-	-	-	-	-
1999 John Deer Tractor (P&R)	30,600	2021-22	20	-	31,212	-	-	-	-	-
2009 6-Wheel Dump Truck (T-3)	178,720	2022-23	15	-	-	185,940	-	-	-	-
2012 1-Ton Dump Truck (T-10)	76,500	2022-23	8	-	-	79,591	-	-	-	-
2013 Backhoe	147,900	2023-24	9	-	-	-	156,953	-	-	-
2014 Pickup Truck, PWD Dir.	35,700	2024-25	10	-	-	-	-	38,643	-	-
2010 6-Wheel Dump Truck (T-2)	178,720	2024-25	15	-	-	-	-	193,452	-	-
2000 Grader	302,940	2025-26	20	-	-	-	-	-	334,470	-
2014 6-Wheel Dump Truck (T-1)	178,720	2026-27	15	-	-	-	-	-	-	-
2015 Loader	204,000	2026-27	12	-	-	-	-	-	-	-
Radios	51,000	2026-27	8	-	-	-	-	-	-	-
2008 John Deere Mow er (P&R)	31,620	2026-27	10	-	-	-	-	-	-	-
2016 Excavator	118,320	2027-28	10	-	-	-	-	-	-	-
2004 Pickup Truck, Foreman	71,400	2027-28	8	-	-	-	-	-	-	-
2007 Jet & Vac	127,500	2028-29	20	-	-	-	-	-	-	-
2012 Chipper	51,000	2029-30	20	-	-	-	-	-	-	-
2018 Pickup Truck, Parks&Rec	61,200	2030-31	12	-	-	-	-	-	-	-
2017 10-Wheel Dump Truck (T-8)	225,854	2032-33	20	-	-	-	-	-	-	-
2018 Tractor w/ Mow ing Attachment	117,300	2018-19	15	-	-	-	-	-	-	-
2018 6-Wheel Dump Truck (T-7)	178,720	2033-34	15	-	-	-	-	-	-	-
(New) Pickup Truck, Bldg. Maint.	45,900		8	-	-	-	-	-	-	-
Total:	2,731,488			481,074	213,506	265,531	156,953	232,095	334,470	
Beginning Capital Reserve Balance				573,916	285,342	264,335	191,304	226,852	187,257	
Proposed Contribution				192,500	192,500	192,500	192,500	192,500	192,500	
Proposed Expenditure				(481,074)	(213,506)	(265,531)	(156,953)	(232,095)	(334,470)	
Ending Est. Capital Reserve Balance				285,342	264,335	191,304	226,852	187,257	45,286	

Town of Bow										
Summary of Capital Improvement Projects and Funding										
Fire Department										
Funding Source	Current	Purchase	Est.							
Purchase / Project	Est. Cost	Year	Life	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
Fire Truck Capital Reserve Fund										
2008 Ambulance (A-2)	249,900	2020-21	10	249,900	-	-	-	-	-	-
1-Ton Pickup Truck	76,500	2021-22	8	-	78,030	-	-	-	-	-
2012 SUV (C-1)	51,000	2022-23	10	-	-	53,060	-	-	-	-
2004 Forestry Truck	91,800	2022-23	10	-	-	95,509	-	-	-	-
2009 Pumper (E-1)	663,000	2024-25	15	-	-	-	-	717,653	-	-
2014 Ambulance (A-1)	249,900	2025-26	10	-	-	-	-	-	275,910	-
2007 Rescue Truck (R-1)	204,000	2032-33	20	-	-	-	-	-	-	-
2002 Pumper (E-3)	688,500	2034-35	15	-	-	-	-	-	-	-
2017 Tanker (T-1)	360,000	2035-36	20	-	-	-	-	-	-	-
<i>Total:</i>	<i>2,634,600</i>			<i>249,900</i>	<i>78,030</i>	<i>148,569</i>	<i>-</i>	<i>717,653</i>	<i>275,910</i>	
Beginning Capital Reserve Balance				831,348	693,948	728,418	692,349	804,849	199,696	
Proposed Contribution				112,500	112,500	112,500	112,500	112,500	112,500	
Proposed Expenditure				(249,900)	(78,030)	(148,569)	-	(717,653)	(275,910)	
Ending Est. Capital Reserve Balance				693,948	728,418	692,349	804,849	199,696	36,287	
Fire Equipment Capital Reserve Fund										
2012 Turnout Gear	80,000	2021-22	10	-	81,600	-	-	-	-	-
2011 Defibrillators	61,200	2022-23	10	-	-	63,672	-	-	-	-
2012 CPR Machines	30,600	2022-23	10	-	-	31,836	-	-	-	-
2008 SCBA Equipment	158,916	2022-23	15	-	-	165,336	-	-	-	-
Jaw s of Life	30,600	2023-24	10	-	-	-	32,473	-	-	-
2016 Radio Equipment	42,942	2028-29	10	-	-	-	-	-	-	-
Rescue Boat	18,360	2033-34	20	-	-	-	-	-	-	-
2017 SCBA Air Compressor	51,000	2035-36	25	-	-	-	-	-	-	-
<i>Total:</i>	<i>473,618</i>			<i>-</i>	<i>81,600</i>	<i>260,845</i>	<i>32,473</i>	<i>-</i>	<i>-</i>	
Beginning Capital Reserve Balance				252,854	285,854	237,254	9,409	9,936	42,936	
Proposed Contribution				33,000	33,000	33,000	33,000	33,000	33,000	
Proposed Expenditure				-	(81,600)	(260,845)	(32,473)	-	-	
Ending Est. Capital Reserve Balance				285,854	237,254	9,409	9,936	42,936	75,936	
Fire Suppression Water Supply CRF										
Cistern Replacement	100,000	2030-31	10	-	-	-	-	-	-	-
<i>Total:</i>	<i>100,000</i>			<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	
Beginning Capital Reserve Balance				-	10,000	20,000	30,000	40,000	50,000	
Proposed Contribution				10,000	10,000	10,000	10,000	10,000	10,000	
Proposed Expenditure				-	-	-	-	-	-	
Ending Est. Capital Reserve Balance				10,000	20,000	30,000	40,000	50,000	60,000	

Town of Bow									
Summary of Capital Improvement Projects and Funding									
Police Department									
<u>Funding Source</u>	Current	Purchase	Est.						
Purchase / Project	Est. Cost	Year	Life	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
General Fund Taxation									
Patrol Vehicle - GF	40,800	2019-20	4	40,800	41,616	42,448	43,297	44,163	45,046
<i>Total:</i>	<i>40,800</i>			<i>40,800</i>	<i>41,616</i>	<i>42,448</i>	<i>43,297</i>	<i>44,163</i>	<i>45,046</i>
Police Capital Reserve Fund									
2012 Sedan - Chief	40,800	2020-21	5	40,800	-	-	-	-	45,046
Handguns	25,500	2022-23	15	-	-	26,530	-	-	-
Patrol Vehicle - K9	42,840	2023-24	5	-	-	-	45,462	-	-
Mobile Data Terminals	45,084	2024-25	6	-	-	-	-	48,800	-
E-Readers	25,500	2025-26	8	-	-	-	-	-	28,154
Security Monitoring Equip	40,800	2028-29	10	-	-	-	-	-	-
Radio Equipment	42,840	2029-30	10	-	-	-	-	-	-
<i>Total:</i>	<i>304,164</i>			<i>40,800</i>	<i>-</i>	<i>26,530</i>	<i>45,462</i>	<i>48,800</i>	<i>73,201</i>
Beginning Capital Reserve Balance				72,522	61,722	91,722	95,191	79,729	60,929
Proposed Contribution				30,000	30,000	30,000	30,000	30,000	30,000
Proposed Expenditure				(40,800)	-	(26,530)	(45,462)	(48,800)	(73,201)
Ending Est. Capital Reserve Balance				61,722	91,722	95,191	79,729	60,929	17,728

Baker Free Library									
<u>Funding Source</u>	Current	Purchase	Est.						
Purchase / Project	Est. Cost	Year	Life	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
Library Maintenance CRF									
AC & Air Handlers	44,880	2022-23	20	-	-	46,693	-	-	-
Generator	32,640	2023-24	25	-	-	-	34,638	-	-
Main Floor Carpet	71,400	2029-30	25	-	-	-	-	-	-
Elevator replacement	83,640	2030-31	15	-	-	-	-	-	-
Replace furnace & control system	65,280	2034-35	15	-	-	-	-	-	-
Replace shingle & flat rubber roof	67,000	2039-40	20	-	-	-	-	-	-
<i>Total:</i>	<i>364,840</i>			<i>-</i>	<i>-</i>	<i>46,693</i>	<i>34,638</i>	<i>-</i>	<i>-</i>
Beginning Capital Reserve Balance				25,184	45,184	65,184	38,491	8,853	13,853
Proposed Contribution				20,000	20,000	20,000	5,000	5,000	5,000
Proposed Expenditure				-	-	(46,693)	(34,638)	-	-
Ending Est. Capital Reserve Balance				45,184	65,184	38,491	8,853	13,853	18,853
Library Emergency CRF									
	5,000	2020-2021		-	-	-	-	-	-
<i>Total:</i>	<i>5,000</i>			<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
Beginning Capital Reserve Balance				24,947	29,947	29,947	29,947	29,947	29,947
Proposed Contribution				5,000	-	-	-	-	-
Proposed Expenditure				-	-	-	-	-	-
Ending Est. Capital Reserve Balance				29,947	29,947	29,947	29,947	29,947	29,947

Town of Bow									
Summary of Capital Improvement Projects and Funding									
Parks & Recreation Improvements									
Funding Source	Current	Purchase	Est.						
Purchase / Project	Est. Cost	Year	Life	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
General Fund Taxation									
Total:	-			-	-	-	-	-	-
Recreation Improvements Capital Reserve Fund									
Hanson Park storage building	96,000	2021-22	50	-	97,920	-	-	-	-
St. Cyr playground Equip. Phase 1	35,700	2024-25	20	-	-	-	-	38,643	-
St. Cyr playground Equip. Phase 2	35,700	2025-26	20	-	-	-	-	-	39,416
Total:	167,400			-	97,920	-	-	38,643	39,416
Beginning Capital Reserve Balance				58,223	78,223	303	20,303	40,303	21,661
Proposed Contribution				20,000	20,000	20,000	20,000	20,000	20,000
Proposed Expenditure				-	(97,920)	-	-	(38,643)	(39,416)
Ending Est. Capital Reserve Balance				78,223	303	20,303	40,303	21,661	2,245
Tax Impact									
Amount Raised by Taxes				20,000	20,000	20,000	20,000	20,000	20,000
Estimated Tax Rate Impact				\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02

Water and Sewer System									
Funding Source	Current	Purchase	Est.						
Purchase / Project	Est. Cost	Year	Life	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
Water Fund									
Water System Extension (bond)	7,996,550	TBD	50	-	-	-	-	-	-
Total:	7,996,550			-	-	-	-	-	-
TIF District									
Beginning Balance				11,638	17,544	23,510	29,535	35,620	41,766
Estimated Assessment				5,906	5,965	6,025	6,085	6,146	6,208
Proposed Expenditure				-	-	-	-	-	-
Ending Reserve Balance				17,544	23,510	29,535	35,620	41,766	47,974
Water System CRF									
Beginning Capital Reserve Balance				-	50,000	100,000	150,000	200,000	250,000
Proposed Contribution				50,000	50,000	50,000	50,000	50,000	50,000
Proposed Expenditure									
Ending Est. Capital Reserve Balance				50,000	100,000	150,000	200,000	250,000	300,000
Sewer Fund									
Sewer System Activation		TBD	50	-	-	-	-	-	-
Total:	-			-	-	-	-	-	-
Beginning Capital Reserve Balance				21,264	21,264	21,264	21,264	21,264	21,264
Proposed Contribution				-	-	-	-	-	-
Proposed Expenditure				-	-	-	-	-	-
Ending Est. Capital Reserve Balance				21,264	21,264	21,264	21,264	21,264	21,264

Town of Bow
Summary of Capital Improvement Projects and Funding

School District

Funding Source		Current	Purchase	Est.						
Purchase / Project		Est. Cost	Year	Life	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
General Fund Taxation										
	Bus Lease-Purchase	100,000	2020-21	1	100,000	100,000	100,000	100,000	100,000	100,000
<i>Total:</i>		<i>100,000</i>			<i>100,000</i>	<i>100,000</i>	<i>100,000</i>	<i>100,000</i>	<i>100,000</i>	<i>100,000</i>

General Fund Bonding										
	Elementary School Renovation	6,000,000	2021-22	40	-	103,750	753,917	740,083	726,250	712,417
<i>Total Annual Bond Payments:</i>					<i>-</i>	<i>103,750</i>	<i>753,917</i>	<i>740,083</i>	<i>726,250</i>	<i>712,417</i>

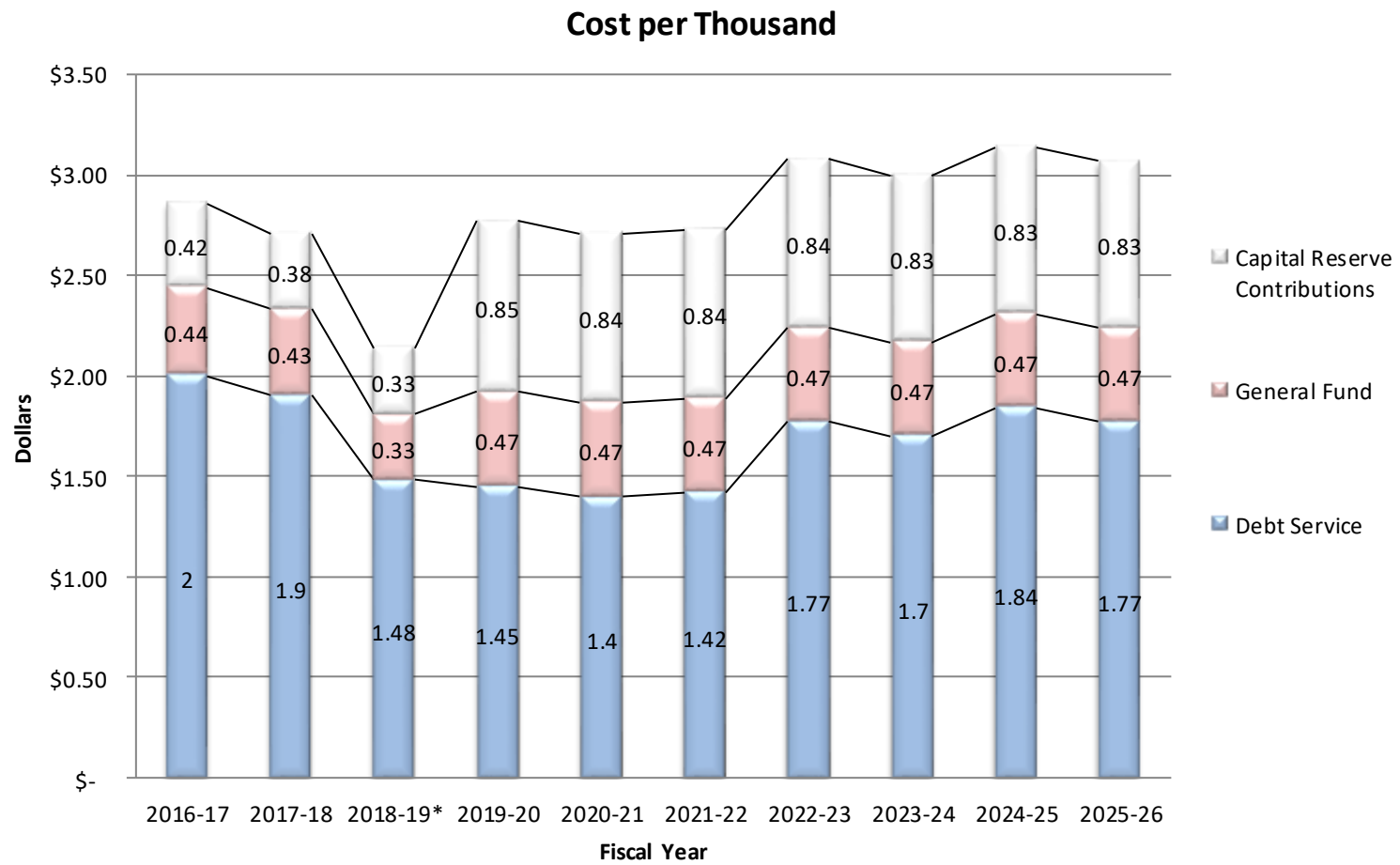
Bow School District CRF										
	Elementary School Architect	0	2020-21	25	100,000	-	-	-	-	-
	Elementary School Renovation	0	2020-21	40	-	1,700,000	-	-	-	-
	Middle School Roof	837,687	2046-47	40	-	-	-	-	-	-
	Middle School HVAC	1,343,972	2035-36	30	-	-	-	-	-	-
	Middle School Playground	90,000	2048-49	30	-	-	-	-	-	-
<i>Total:</i>		<i>2,271,659</i>			<i>100,000</i>	<i>1,700,000</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
Beginning Capital Reserve Balance					1,083,796	1,383,796	83,796	483,796	883,796	1,283,796
Proposed Contribution					400,000	400,000	400,000	400,000	400,000	400,000
Proposed Expenditure					(100,000)	(1,700,000)	-	-	-	-
Ending Est. Capital Reserve Balance					1,383,796	83,796	483,796	883,796	1,283,796	1,683,796

BHS Capital Improvements CRF										
	BHS Roof Replacemnt	800,800	2027-28	30	-	-	-	-	-	-
	BHS HVAC	2,500,000	2027-28	30	-	-	-	-	-	-
<i>Total:</i>		<i>3,300,800</i>			<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
Beginning Capital Reserve Balance					133,008	233,008	333,008	433,008	533,008	633,008
Proposed Contribution					100,000	100,000	100,000	100,000	100,000	100,000
Proposed Expenditure					-	-	-	-	-	-
Ending Est. Capital Reserve Balance					233,008	333,008	433,008	533,008	633,008	733,008

Town of Bow									
Summary of Capital Improvement Projects and Funding									
School District									
Funding Source	Current	Purchase	Est.						
Purchase / Project	Est. Cost	Year	Life	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
Bow School District HVAC CRF									
				-	-	-	-	-	-
Total:	-			-	-	-	-	-	-
Beginning Capital Reserve Balance				529,747	529,747	529,747	529,747	529,747	529,747
Proposed Contribution									
Proposed Expenditure				-	-	-	-	-	-
Ending Est. Capital Reserve Balance				529,747	529,747	529,747	529,747	529,747	529,747
Bow School District Paving CRF									
				-	-	-	-	-	-
Total:	-			-	-	-	-	-	-
Beginning Capital Reserve Balance				8,623	8,623	8,623	8,623	8,623	8,623
Ending Est. Capital Reserve Balance				8,623	8,623	8,623	8,623	8,623	8,623
Athletic Fields & Facilities CRF									
High School Track	220,067	2026-27	30	-	-	-	-	-	-
High School Athletic Fields	874,528	2026-27	30	-	-	-	-	-	-
Turf Field	0	2020-21	30	-	-	-	-	-	-
Total:	1,094,595			-	-	-	-	-	-
Beginning Capital Reserve Balance				100,068	128,818	157,568	186,318	215,068	243,818
Proposed Contribution				28,750	28,750	28,750	28,750	28,750	28,750
Proposed Expenditure				-	-	-	-	-	-
Ending Est. Capital Reserve Balance				128,818	157,568	186,318	215,068	243,818	272,568
AREA School - Dunbarton Fees CRF									
				-	-	-	-	-	-
Total:	-			-	-	-	-	-	-
Beginning Capital Reserve Balance				170,555	210,555	250,555	290,555	330,555	370,555
Proposed Contribution				40,000	40,000	40,000	40,000	40,000	40,000
Proposed Expenditure				-	-	-	-	-	-
Ending Est. Capital Reserve Balance				210,555	250,555	290,555	330,555	370,555	410,555

Summary of Capital Improvement Projects									
Net Expense									
		Source	Current	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
Capital Projects Summary									
	Town Projects		\$0	\$4,477,213	\$1,062,672	\$1,528,825	\$2,034,715	\$2,097,016	\$2,573,581
	School Projects		\$0	\$200,000	\$1,800,000	\$100,000	\$100,000	\$100,000	\$100,000
Total All Capital Projects			\$0	\$4,677,213	\$2,862,672	\$1,628,825	\$2,134,715	\$2,197,016	\$2,673,581
Current & Proposed Debt Expense									
	Outstanding Bonds (Town)	GF	\$1,417,775	\$1,373,252	\$1,334,404	\$1,292,213	\$1,189,283	\$1,148,960	\$1,107,369
	Outstanding Bonds (School)	SDGF	\$267,000	\$258,200	\$249,400	\$240,500	\$231,500	\$222,500	\$213,500
	Elementary School (School)	SDGF	\$0	\$0	\$103,750	\$753,917	\$740,083	\$726,250	\$712,417
Total Debt			\$1,684,775	\$1,631,452	\$1,687,554	\$2,286,630	\$2,160,866	\$2,097,710	\$2,033,285
Net Tax Impact Per Thousand			\$1.45	\$1.40	\$1.44	\$1.95	\$1.84	\$1.78	\$1.72
General Fund Expense									
	Annual Road Reconstruction and Pav	GF	\$370,000	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000
	School Buses	GF	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
Total			\$470,000	\$650,000	\$650,000	\$650,000	\$650,000	\$650,000	\$650,000
Net Tax Impact Per Thousand			\$0.40	\$0.56	\$0.56	\$0.55	\$0.55	\$0.55	\$0.55
Capital Reserve Funds - Contributions									
	Public Works Equipment	GF	\$180,000	\$192,500	\$192,500	\$192,500	\$192,500	\$192,500	\$192,500
	Buildings & Facilities	GF	\$65,000	\$65,000	\$65,000	\$65,000	\$65,000	\$65,000	\$65,000
	Bridges & Highways	GF	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000
	Police Department Equipment	GF	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
	Fire Department Equipment	GF	\$37,000	\$33,000	\$33,000	\$33,000	\$33,000	\$33,000	\$33,000
	Fire Department Trucks and Ambular	GF	\$100,000	\$112,500	\$112,500	\$112,500	\$112,500	\$112,500	\$112,500
	Fire Suppression Water Supply	GF	\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
	Parks & Recreation Improvements	GF	\$16,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
	Library Maintenance	GF	\$20,000	\$20,000	\$20,000	\$20,000	\$5,000	\$5,000	\$5,000
	Library Emergency	GF	\$8,000	\$5,000	\$0	\$0	\$0	\$0	\$0
	Community Center CRF	GF	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
	Water System	GF	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
	School	SDGF	\$400,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
Total			\$976,000	\$1,163,000	\$1,158,000	\$1,158,000	\$1,143,000	\$1,143,000	\$1,143,000
Net Tax Impact Per Thousand			\$0.84	\$1.00	\$0.99	\$0.99	\$0.97	\$0.97	\$0.97
Total Tax Impact Per Thousand									
Total Tax Impact Per Thousand			\$2.69	\$2.95	\$2.99	\$3.49	\$3.36	\$3.30	\$3.24
Tax Base			1,163,760	1,166,670	1,169,586	1,172,510	1,175,442	1,178,380	1,181,326
Total CIP Tax Impact \$ 200,000.00 Home			\$538.04	\$590.48	\$597.74	\$698.44	\$672.75	\$660.35	\$647.79
Total CIP Tax Impact \$ 350,000.00 Home			\$941.58	\$1,033.33	\$1,046.05	\$1,222.27	\$1,177.30	\$1,155.61	\$1,133.64
Total CIP Tax Impact \$ 500,000.00 Home			\$1,345.11	\$1,476.19	\$1,494.35	\$1,746.10	\$1,681.86	\$1,650.87	\$1,619.49

**Estimated Cost, per thousand, of the Capital Improvements Plan on Tax Rate
For Fiscal Years 2016-2017 thru 2025-2026.**



*The reduction in the 2018-19 Fiscal Year contributions was recommended by the Board of Selectmen and Budget Committee in order to minimize the increase in the tax rate due to the large tax abatement payment to Eversource.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: Annual Road PavingDEPARTMENT: Public Works DepartmentEXPENDITURE YEAR: 2020 - 2021ESTIMATED LIFE: 1 YearsCRF Account: General Fund

<u>Estimated Inflation Rate:</u>		0.00%		<i>Future Cost*:</i>		
				<i>* If Greater Than 20 Years</i>		
2020 - 2021	\$	550,000	(Estimate)	GF	-----	\$ 550,000
					-----	\$ -
2021 - 2022	\$	550,000	(Purchase)		-----	\$ -
2022 - 2023	\$	550,000	(Purchase)		-----	\$ -
2023 - 2024	\$	550,000	(Purchase)		-----	\$ -
2024 - 2025	\$	550,000	(Purchase)		-----	\$ -
2025 - 2026	\$	550,000	(Purchase)		-----	\$ -
2027 - 2028	\$	550,000	(Purchase)		-----	\$ -
Project Added:					-----	\$ -
Last Edit:					-----	\$ -
					-----	\$ 550,000

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

Paving Schedule Included on next page.

Street Name	Length in Miles	Year Constructed	Year Last Paved	Length in Feet	Total Tons 2 inches	\$60/ ton
Paving -2019						
Abby Lane	0.43	1987	2003	2270.4	624.36	\$49,948.80
Colby Lane	0.28	1988	2003	1478.4	406.56	\$32,524.80
Arnold Street	0.144	1988	2008	760.32	209	\$16,727.09
Knox Road (Dow-Robinson Rd)	1.004	1995	2019/ 2004	5301.12	1477.25	\$118,180.64
Merrill Crossing	0.399	1995	1996	2,106.72	579.35	\$46,347.84
Stoneybrook Road	0.79	1987	2003	4171.2	1147.08	\$91,766.90
Paving 2020- 2024						
Audley Divide	0.42	1984	2004	2217.6	609.84	\$48,787.20
Branch Londonderry TPK East	0.64	1974		3379.2	929.28	\$74,342.40
Buckingham Drive	0.86	1988	2004	4540.8	1248.72	\$99,897.60
Windsor Drive	0.328	1993	1993	1731.84	476.25	\$38,100.48
Blevens Drive	0.155	1973	1998	818.4	225.06	\$18,004.80
Turee view Drive	0.095	1981	unknown	501.6	139.77	\$11,182.30
Page Road	2.292		2006	15,375.36	4228.29	\$338,257.42
Arrowhead Drive	0.428	1993	1993	2,259.84	621.46	\$49,716.48
Sharon Drive	0.37	1977	2002	1953.6	537.24	\$42,979.90
Currier Drive	0.32	1987	2005	1689.6	464.64	\$37,171.20
Hooksett TPK(across Clinton st)	0.29	1971	2006	1531.2	421.08	\$33,686.40
Wilson Meadow Road	0.277	2002	2002	1462.56	402.2	\$32,176.32
Shaw Divide	0.231	2001	2001	1219.68	335.44	\$26,832.96
Bent Road	0.065	1970		343.2	94.33	\$7,550.40
Eastview Drive	0.22	1969		1161.6	319.44	\$25,555.20
Heidi Lane	1.104	1987	1997	3,700.00	1,017.50	\$81,400.00
Betty Lane	0.331	1970	1999	1,748.00	487.1	\$38,969.00
Rollins Road	0.16	1989	1994	844.8	232.32	\$18,585.60
White Rock Hill Rd	1.44			7,603.20	2118.7	\$169,496.00
Brown Hill Road	0.84	1979	2006	4,435.20	1,219.68	\$97,574.40
S. Bow Dunbarton Road	0.74	2005	2005	3,907.20	1,074.48	\$85,958.00
Quimby Rd	0.85		2002	4,488	1,234.20	\$98,736.00
Cardinal Drive	0.178	2000	200	939.84	258.45	\$20,676.48
Deer Run Drive	0.423	1995	1995	2,233.44	614.2	\$49,135.68
Nancy Dr	0.198	1998		1,045.44	287.49	\$22,999.68
River Rd -RR Bridge to Johnson Rd.	0.994	1972	2003	5,250.00	1,463.00	\$117,040.00
Dean Avenue	0.487	1976	2000	2,571.36	707.12	\$56,569.92
Dow Rd	0.853	1975	2001	4,503.84	1238.55	\$99,084.48
Erin Drive	0.528	1996	1996	2,787.84	766.66	\$61,332.80
\$1,901,799.10						

Four Year Equation

\$1,900,000.00

Divided by 4 Yrs

\$475,000 Per Year

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: Page Rd Bridge ReplacementDEPARTMENT: Public Works DepartmentEXPENDITURE YEAR: 2023 - 2024

ESTIMATED LIFE: 50 Years

CRF Account: Bridge and Highway

		Future Cost*:		
<u>Estimated Inflation Rate:</u> 2.00%		* If Greater Than 20 Years		
2020 - 2021	\$ 939,300 (Estimate)	CRF	-----	\$ 939,300
			-----	\$ -
2023 - 2024	\$ 996,793 (Purchase)		-----	\$ -
			-----	\$ -
			-----	\$ -
			-----	\$ -
			-----	\$ -
			-----	\$ -
			-----	\$ -
Project Added:			-----	\$ -
Last Edit:			-----	\$ -
				\$ 939,300

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

8/2016 - Replace bridge on Page Road over Bela Brook.

Estimated total cost: \$884,300 (2014 estimate)

Engineering cost: \$ 53,600

Net CRF withdrawal: \$830,700

State Bridge Aid Total: \$708,240(in 2024)

State Aid Bridge Eng. Reimb: \$ 42,800

Net return to CRF: \$665,360

9/2016 - The Committee moved the project out to the same year bridge aid is available per State requirements.

July, 2019 - Cost estimate increased

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: Bow Bog Rd CulvertDEPARTMENT: Public Works DepartmentEXPENDITURE YEAR: 2024 - 2025

ESTIMATED LIFE: 50 Years

CRF Account: Bridge Capital Reserve

		Future Cost*:	
<u>Estimated Inflation Rate:</u> 2.00%		* If Greater Than 20 Years	
2020 - 2021	\$ 339,000 (Estimate)	CRF	\$ 339,000
			\$ -
<u>2024 - 2025</u>	\$ 366,945 (Purchase)		\$ -
			\$ -
			\$ -
			\$ -
<u>2025 - 2026</u>			\$ -
<u>2027 - 2028</u>			\$ -
Project Added:			\$ -
Last Edit:			\$ -
			\$ 339,000

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

Replacement of the drainage culvert near the intersection of Bow Bog Road and Dean Avenue. The replacement culvert will be 5 foot in diameter and 50 feet long. Any culvert over 4 foot in diameter requires that an engineered plan be submitted to NH Department of Services for review and approval.

9/2016 - The Committee moved the project out one year.

July, 2019 - Increase costs and moved to Bridge Capital Reserve.

Sept. 2019 - The project was moved out two years.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: Falcon Way/White Rock Intersection EngineeringDEPARTMENT: Public Works DepartmentEXPENDITURE YEAR: 2024 - 2025

ESTIMATED LIFE: 50 Years

CRF Account: Bridge and Highway

		Future Cost*:		
<u>Estimated Inflation Rate:</u> 2.00%		* If Greater Than 20 Years		
2020 - 2021	\$ 61,200 (Estimate)	CRF	-----	\$ 61,200
			-----	\$ -
<u>2024 - 2025</u>	\$ 66,245 (Purchase)		-----	\$ -
			-----	\$ -
			-----	\$ -
			-----	\$ -
<u>2025 - 2026</u>			-----	\$ -
<u>2027 - 2028</u>			-----	\$ -
Project Added:			-----	\$ -
Last Edit:			-----	\$ -
				\$ 61,200

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

June, 2018 - Engineering for improvements to turning and traffic flow at this intersection.
 July, 2019 - Project moved out two years.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: River Road Bridge

DEPARTMENT: Public Works Department

EXPENDITURE YEAR: 2025 - 2026

ESTIMATED LIFE: 50 Years

CRF Account: Bridge and Highway

Estimated Inflation Rate:		2.00%	Future Cost*:		
			* If Greater Than 20 Years		
2020 - 2021	\$	1,091,280 (Estimate)	CRF	-----	\$ 1,091,280
				-----	\$ -
2025 - 2026	\$	1,204,861 (Purchase)		-----	\$ -
				-----	\$ -
				-----	\$ -
				-----	\$ -
2025 - 2026				-----	\$ -
2027 - 2028				-----	\$ -
Project Added:				-----	\$ -
Last Edit:				-----	\$ -
					\$ 1,091,280

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

This project involves the design and replacement of the Bow Bog Brook Bridge on River Road. The existing bridge was built in 1950. The Town and NH Department of Transportation are working with the Dubois & King engineering firm on this project.

According to the engineer's investigation and recommendation study, "The bridge is currently in poor condition with moderate rusting at each spring line and connection bolts, significant settlement, and movement to the outlet stone headwall and wing walls and guardrail hit damage throughout."

The total estimated (in 2014) project cost of the recommended alternative for replacement is \$909,300.

The project has been scheduled into the NHDOT Municipal Bridge Aid Program, with funding available in FY2026 (July 1, 2025 to June 30, 2026.) Through the MBAP the Town will be seek reimbursement of 80% of the replacement cost.

9/2016 - The Committee moved the project out to the same year bridge aid is available per State requirements.

July, 2019 - Cost estimates increased

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: Bathrooms - Municipal BuildingDEPARTMENT: Public Works DepartmentEXPENDITURE YEAR: 2020 - 2021ESTIMATED LIFE: 50 YearsCRF Account: Municipal Buildings and Grounds

<u>Estimated Inflation Rate:</u> 2.00%		<u>Future Cost*:</u>	
		* If Greater Than 20 Years	
<u>2020 - 2021</u>	\$ 75,000 (Estimate)	CRF	\$ 75,000
			\$ -
<u>2020 - 2021</u>	\$ 75,000 (Purchase)		\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
Project Added:			\$ -
Last Edit: 7/31/2019			\$ -
			\$ 75,000

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

This is a complete update of the two bathrooms on the main floor of the Municipal Building. Included in this project are the replacement of the existing partitions, new sheet rock and tile, permanently blocking old toilet connections, new fixtures including ADA compliant mirrors and towel dispensers, new energy efficient light fixtures and the installation of a second urinal in the men's room.

Sept., 2016 - The Committee moved the project out one year.

July, 2019 - Bids far exceeded the \$25,000 appropriated.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: Fuel System ReplacementDEPARTMENT: Public Works DepartmentEXPENDITURE YEAR: 2020 - 2021ESTIMATED LIFE: 20 YearsCRF Account: Municipal Buildings and Grounds

<u>Estimated Inflation Rate:</u> 2.00%		<u>Future Cost*:</u>	
		* If Greater Than 20 Years	
<u>2020 - 2021</u>	\$ 176,000 (Estimate)	CRF	\$ 117,920
		School	\$ 58,080
<u>2020 - 2021</u>	\$ 176,000 (Purchase)		\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
Project Added:			\$ -
Last Edit: 9/13/2019			\$ -
			\$ 176,000

PROJECT DESCRIPTION AND JUSTIFICATION:

(To Enter CR/LF in Comments: Alt-Enter)

The current fuel pump system is 21 years old. Due to its age, it is required to be inspected every 5 years. The inspection that was conducted in 2015 noted no deficiencies. The system will be inspected again in 4 years (2020), and if it needs to be replaced, the current estimate is \$110,000. The tank is certified through 2021 and at that point will have to be replaced in order to meet new regulations.

Aug., 2016 - Revised description.

Sept., 2019 - Revised costs.

Oct., 2016 - The Committee moved the project forward one year.

Sept., 2018 - Committee reduced the cost based on the School District contributing funds.

Aug., 2019 - Revised pricing.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: Salt Shed Construction

DEPARTMENT: Public Works Department

EXPENDITURE YEAR: 2020 - 2021

ESTIMATED LIFE: 50 Years

CRF Account: Municipal Buildings and Grounds

Estimated Inflation Rate:		2.00%	Future Cost*:		
			* If Greater Than 20 Years		
<u>2020 - 2021</u>	\$	275,000 (Estimate)	CRF	-----	\$ 275,000
				-----	\$ -
<u>2020 - 2021</u>	\$	275,000 (Purchase)		-----	\$ -
				-----	\$ -
				-----	\$ -
				-----	\$ -
				-----	\$ -
				-----	\$ -
				-----	\$ -
Project Added:				-----	\$ -
Last Edit:		7/31/2019		-----	\$ -
					\$ 275,000

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

FY 16/17: This project is to replace the existing salt shed and uncovered mixing area with a new 60' x 40' salt shed with an attached covered 32' x 38' mixing area. The current facility is located within the Town's wellhead protection area, and has no floor. The new building will have a floor and will have a subsurface holding tank to prevent salt from spreading and entering the aquifer.

FY 17/18: The current facility is located within the Town's Wellhead protection area.
July, 2019 - Revised construction cost estimates based on moving the construction of the mixing shed into it's own project in a future year.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: *Mixing Shed Construction*DEPARTMENT: *Public Works Department*EXPENDITURE YEAR: *2022 - 2023*ESTIMATED LIFE: *50* YearsCRF Account: *Municipal Buildings and Grounds*

<u>Estimated Inflation Rate:</u>		<i>2.00%</i>	<u>Future Cost*:</u>		
			<i>* If Greater Than 20 Years</i>		
<u>2020 - 2021</u>	\$	<i>75,000 (Estimate)</i>	<u>CRF</u>	-----	\$ <i>75,000</i>
				-----	\$ -
<u>2022 - 2023</u>	\$	<i>78,030 (Purchase)</i>		-----	\$ -
				-----	\$ -
				-----	\$ -
				-----	\$ -
				-----	\$ -
				-----	\$ -
				-----	\$ -
Project Added:				-----	\$ -
Last Edit:		<i>7/31/2019</i>		-----	\$ -
					\$ <i>75,000</i>

PROJECT DESCRIPTION AND JUSTIFICATION: *(To Enter CR/LF in Comments: Alt-Enter)*

Sept., 2019 - This project was originally part of the Salt Shed Construction project. It was separated in order to spread the costs over multiple years.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: *Public Works Building Air Conditioning System*

DEPARTMENT: *Public Works Department*

EXPENDITURE YEAR: *2025 - 2026*

ESTIMATED LIFE: *20* Years

CRF Account: *Municipal Buildings and Grounds*

		Future Cost*:		
Estimated Inflation Rate:		<i>2.00%</i>		<i>* If Greater Than 20 Years</i>
<u>2020 - 2021</u>	\$	45,900 (Estimate)	CRF	----- \$ 45,900
				----- \$ -
<u>2025 - 2026</u>	\$	50,677 (Purchase)		----- \$ -
				----- \$ -
				----- \$ -
				----- \$ -
				----- \$ -
				----- \$ -
				----- \$ -
Project Added:				----- \$ -
Last Edit: 9/13/2019				----- \$ -
				\$ 45,900

PROJECT DESCRIPTION AND JUSTIFICATION: *(To Enter CR/LF in Comments: Alt-Enter)*

Replacement of the Air Conditioning system at the Public Works building.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: AC & Air Handlers Replacement

DEPARTMENT: Library

EXPENDITURE YEAR: 2022 - 2023

ESTIMATED LIFE: 20 Years

CRF Account: Library

Estimated Inflation Rate:		2.00%	Future Cost*:		
			* If Greater Than 20 Years		
2020 - 2021	\$	44,880 (Estimate)	GF	\$	44,880
2022 - 2023	\$	46,693 (Purchase)		\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
Project Added:				\$	-
Last Edit:				\$	-
				\$	44,880

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

The Library's Air Conditioning and Air Handling Units for the main floor of the library, installed during the 1999/2000 renovation and addition project, need to be replaced due to the discontinued production of Refrigerant 22 by the EPA as of 2020. As of right now, May 2018, the production of R22 in the US has been cut by 90%. With the production of R22 slated to be discontinued in the US as of 2020, many parts for R22 units are also not being produced in quantities to meet demand. The price for R22 has increased astronomically (currently \$1200 per 30lb jug). We have received three separate estimates for this replacement work: Bow Plumbing & Heating; NH HVAC; and J Lawrence Hall (Nashua), with the quotes at \$44,000; \$53,600; and \$108,968 respectively to replace all four units at once. Of note is that we obtained the third quote at the request of the Budget Committee, after they selected the vendor from a list of vendors with experience with library building-related heating & cooling projects. This proposal asks to set aside \$15,000 per year for the next 4 years, with the understanding that individuals units will be replaced during that time only if they fail, and that all four units will ideally be replaced at once in 2022/23 FY.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: Emergency Generator

DEPARTMENT: Library

EXPENDITURE YEAR: 2023 - 2024

ESTIMATED LIFE: 25 Years

CRF Account: Library

Future Cost*:

Estimated Inflation Rate: 2.00%

* If Greater Than 20 Years

2020 - 2021	32,000	(Estimate)	CRF	\$	32,640
				\$	-
2023 - 2024	\$	34,638	(Purchase)	\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
Project Added:				\$	-
Last Edit:				\$	-
				\$	32,640

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

This is being requested to allow the Library to fulfill the need for a shelter within the Bow community, which will allow BHS to function solely as a shelter for the region, since the Library has the space and resources necessary aside from the generator to meet the Bow community's need given the completion of the Lower Level Renovation in March 2017. July, 2018 - The Emergency Management Director recommended this project to potentially be used for events such as a warming/cooling shelter during localized power outages.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: Hanson Park Maintenance BuildingDEPARTMENT: Parks and Rec / Public Works

EXPENDITURE YEAR: 2021 - 2022

ESTIMATED LIFE: 50 Years

CRF Account: Parks and Recreation Improvements

		Future Cost*:	
Estimated Inflation Rate: 2.00%		* If Greater Than 20 Years	
2020 - 2021	\$ 96,000 (Estimate)	CRF	\$ 96,000
			\$ -
2021 - 2022	\$ 97,920 (Purchase)		\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
Project Added:			\$ -
Last Edit:			\$ -
			\$ 96,000

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

The project is the construction of a new 40'X24' structure to be used for storing fertilizer, tractors & mower in the summer along with all implements and field equipment. This would decrease liability from road travel, decrease travel time, resulting in more efficient use of time. Equipment would be assessable at the fields, where it is needed and all equipment would be under cover when not in use. The life span of the equipment should increase with this new setup.

9/2016 - the Committee moved the project out one year.

May, 2018 - This building will now include a workshop for the Groundskeeper to maintain and repair all of the equipment. Everything will be moved out of the Rescue Building and kept here.

August, 2018 - The Committee deferred this project one year due to the increase in costs and review of the actual utilization of the building.

Sept. 2019 - The Committee revised the cost based on space needs and deferred the project for one year.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: St Cyr Playground Equip Phase 1

DEPARTMENT: Parks and Rec

EXPENDITURE YEAR: 2024 - 2025

ESTIMATED LIFE: 20 Years

CRF Account: Parks and Recreation Improvements

			Future Cost*:	
Estimated Inflation Rate: 2.00%			* If Greater Than 20 Years	
2020 - 2021	\$	35,700 (Estimate)	CRF	\$ 35,700
				\$ -
2024 - 2025	\$	38,643 (Purchase)		\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
Project Added:				\$ -
Last Edit:				\$ -
				\$ 35,700

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

All playground equipment is recommended to be replaced after 20 years. Consideration should be taken as to what are the recommended materials and activities at the time of construction. Consideration should also be given to the protective material that is most recommended at the time of replacement. The timing of the replacement will be re-evaluated each year.

10/2016 - The Committee split the project over two years starting in 2022-23.

Sept. 2019 - The Committee move the project out two years.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: St Cyr Playground Equip Phase 2

DEPARTMENT: Parks and Rec

EXPENDITURE YEAR: 2025 - 2026

ESTIMATED LIFE: 20 Years

CRF Account: Parks and Recreation Improvements

		Future Cost*:	
Estimated Inflation Rate: 2.00%		* If Greater Than 20 Years	
2020 - 2021	\$ 35,700 (Estimate)	CRF	\$ 35,700
			\$ -
2025 - 2026	\$ 39,416 (Purchase)		\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
Project Added:			\$ -
Last Edit:			\$ -
			\$ 35,700

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

All playground equipment is recommended to be replaced after 20 years. Consideration should be taken as to what are the recommended materials and activities at the time of construction. Consideration should also be given to the protective material that is most recommended at the time of replacement. The timing of the replacement will be re-evaluated each year.

10/2016 - The Committee split the project over two years starting in 2022-23.

Sept. 2019 - The Committee moved the project out two years.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE:		Annual Bus Lease-Purchase	
DEPARTMENT:		SAU	
EXPENDITURE YEAR:	2019 - 2020	ESTIMATED LIFE:	11 Years
CRF Account:		General Fund	
Estimated Inflation Rate:		2.00%	
		Future Cost*:	
	GF	\$	100,000
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
		\$	-
Project Added:		\$	-
Last Edit:		\$	-
		\$	100,000
PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)			

Continual purchase through the budget process of school buses for the Bow School District transportation fleet. These purchases are accomplished through five year lease arrangements with an expected life of each school bus of 11-14 years depending on use. There are ongoing replacements that take place based on school bus fleet numbering 22 total vehicles.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: Elementary School Architect

DEPARTMENT: SAU

EXPENDITURE YEAR: 2020 - 2021

ESTIMATED LIFE: 40 Years

CRF Account: School District

Future Cost*:

Estimated Inflation Rate: 2.00%

2020 - 2021	\$	100,000 (Estimate)	CRF	-----	\$	100,000
-------------	----	--------------------	-----	-------	----	---------

				-----	\$	-
--	--	--	--	-------	----	---

2020 - 2021	\$	100,000 (Purchase)		-----	\$	-
-------------	----	--------------------	--	-------	----	---

				-----	\$	-
--	--	--	--	-------	----	---

				-----	\$	-
--	--	--	--	-------	----	---

				-----	\$	-
--	--	--	--	-------	----	---

				-----	\$	-
--	--	--	--	-------	----	---

				-----	\$	-
--	--	--	--	-------	----	---

				-----	\$	-
--	--	--	--	-------	----	---

				-----	\$	-
--	--	--	--	-------	----	---

				-----	\$	100,000
--	--	--	--	-------	----	---------

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

Comprehensive Facility Assessment and Capital Improvement Study was undertaken and completed in January 2012. Back end components at BES are in some cases 30+ years old based on the original building having been constructed in 1979. Renovation would be similar to the 2005 renovation of BMS and will include HVAC upgrades, new roof, fire suppression system, new security and alarm system, lighting upgrades and plumbing upgrades. Figures are based on January 2012 facility study cost figures. Actual costs to be determined when project is bid out to contractors. The Bow School Board set a committee made up of community members to look at the needs of the building, enrollment and space needs. That committee is scheduled to report out to the board in October. The committee has recommended to the School Board both renovations to BES as well as some kind of addition to address space needs at the school both currently and in the future. The Board will need to determine time frame of the project, project delivery methods and also funding of design and engineering work required for the project.

Sept. 2019 - The Committee revised the cost to \$100,000 and moved the project out one year based on the current status of the project.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: Elm School Renovation/Addition

DEPARTMENT: SAU

EXPENDITURE YEAR: 2021 - 2022

ESTIMATED LIFE: 40 Years

CRF Account: HVAC
School District

Future Cost*:

Estimated Inflation Rate: 2.00%

2021-22	\$	10,000,000 (Estimate)	CRF	\$	1,700,000
			BD	\$	8,300,000
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
Project Added:		2017 By: Mike		\$	-
Last Edit:				\$	-
		Mike, 9/30/2017, 5:23:43 PM		\$	10,000,000

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

Comprehensive Facility Assessment and Capital Improvement Study was undertaken and completed in January 2012. Back end components at BES are in some cases 30+ years old based on the original building having been constructed in 1979. Renovation would be similar to the 2005 renovation of BMS and will include HVAC upgrades, new roof, fire suppression system, new security and alarm system, lighting upgrades and plumbing upgrades. Actual costs to be determined when project is bid out to contractors. The Bow School Board set a committee made up of community members to look at the needs of the building, enrollment and space needs. That committee is scheduled to report out to the board in October. The committee has recommended to the School Board both renovations to BES as well as some kind of addition to address space needs at the school both currently and in the future. The Board will need to determine time frame of the project, project delivery methods and also funding of design and engineering work required for the project.

Appendix A: Relevant State Statutes

CHAPTER 674

LOCAL LAND USE PLANNING AND REGULATORY POWERS

Capital Improvements Program

674:5 Authorization. – In a municipality where the planning board has adopted a master plan, the local legislative body may authorize the planning board to prepare and amend a recommended program of municipal capital improvement projects projected over a period of at least 6 years. As an alternative, the legislative body may authorize the governing body of a municipality to appoint a capital improvement program committee, which shall include at least one member of the planning board and may include but not be limited to other members of the planning board, the budget committee, or the town or city governing body, to prepare and amend a recommended program of municipal capital improvement projects projected over a period of at least years. The capital improvements program may encompass major projects being currently undertaken or future projects to be undertaken with federal, state, county and other public funds. The sole purpose and effect of the capital improvements program shall be to aid the mayor or selectmen and the budget committee in their consideration of the annual budget.

Source. 1983, 447:1, eff. Jan. 1, 1984. 2002, 90:1, eff. July 2, 2002.

674:6 Purpose and Description. – The capital improvements program shall classify projects according to the urgency and need for realization and shall recommend a time sequence for their implementation. The program may also contain the estimated cost of each project and indicate probable operating and maintenance costs and probable revenues, if any, as well as existing sources of funds or the need for additional sources of funds for the implementation and operation of each project. The program shall be based on information submitted by the departments and agencies of the municipality and shall take into account public facility needs indicated by the prospective development shown in the master plan of the municipality or as permitted by other municipal land use controls.

Source. 1983, 447:1, eff. Jan. 1, 1984.

674:7 Preparation. –

I. In preparing the capital improvements program, the planning board or the capital improvement program committee shall confer, in a manner deemed appropriate by the board or the committee, with the mayor or the board of selectmen, or the chief fiscal officer, the budget committee, other municipal officials and agencies, the school board or boards, and shall review the recommendations of the master plan in relation to the proposed capital improvements program. II. Whenever the planning board or the capital improvement program committee is authorized and directed to prepare a capital improvements program, every municipal department, authority or agency, and every affected school district board, department or agency, shall, upon request of the planning board or the capital improvement program committee, transmit to the board or committee a statement of all capital projects it proposes to undertake during the term of the program. The planning board or the capital improvement program committee shall study each proposed capital project, and shall advise and make recommendations to the department, authority, agency, or school district board, department or agency, concerning the relation of its project to the capital improvements program being prepared.

Source. 1983, 447:1. 1995, 43:1, eff. July 2, 1995. 2002, 90:2, eff. July 2, 2002.

674:8 Consideration by Mayor and Budget Committee. – Whenever the planning board or the capital improvement program committee has prepared a capital improvements program under RSA 674:7, it shall submit its recommendations for the current year to the mayor or selectmen and the budget committee, if one exists, for consideration as part of the annual budget.

Source. 1983, 447:1, eff. Jan. 1, 1984. 2002, 90:3, eff. July 2, 2002.

Appendix B: Capital Project Request Form

[Back to Index](#)
Command Buttons

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE:
DEPARTMENT:
EXPENDITURE YEAR:
ESTIMATED LIFE:

Years

CRF Account:

Future Cost*:

* If Greater Than 20 Years

Estimated Inflation Rate:

GF

			\$	-
			\$	-
			\$	-
			\$	-
			\$	-
			\$	-
			\$	-
			\$	-
			\$	-
			\$	-

Date Added:
Last Edit:
PROJECT DESCRIPTION AND JUSTIFICATION:

(To Enter CR/LF in Comments: Alt-Enter)

Appendix C:
Project
Submission
Materials and
Backup
Information

Appendix C Index

Capital Reserve Funds Purposes	44
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<u>Fund</u>	<u>Town Meeting/Article No</u>	<u>Purpose</u>	<u>Agents To Expend</u>
Cemetery Development	2001/18 and 2003/25	Purchasing land, conceptualizing, designing, and constructing cemeteries or additions to cemeteries.	Town Meeting
Fire Department Equipment	1957/7	Fire Department equipment.	Town Meeting
Fire Trucks	1996/16 and 2009/16	The purchase and replacement of Fire Dept. vehicles with truck chassis including pumper trucks, ladder trucks, tanker trucks, forestry trucks, rescue trucks, and ambulances	Town Meeting
Bridge and Highway Construction	2003/39	Future bridge and highway construction	Town Meeting
Land Purchase	2005/26	Purchasing future land or "other interests in land".	Selectmen
Municipal Buildings and Grounds	2006/15	Municipal buildings and grounds capital maintenance and repair.	Town Meeting
Parks & Recreation Improvements	2015/21	Parks & Recreation Improvements.	Town Meeting
Police Department Equipment	1971/10	Replacing Police Department equipment.	Town Meeting
Highway/Public Works Equipment	1977/9	Purchase of new or replacement of existing highway equipment.	Town Meeting
Bridge and Highway Construction	1999/16, 2002/24 and 2016/11	Bridge and Highway Construction	Town Meeting
Municipal Facilities Emergency Repair	2015/27	Providing funds to address unforeseen emergency or urgent repairs	Selectmen
Sewer System	Oct 9.2008 BOS RSA 35:7 & 149-I:10	Major capital additions, replacements, and improvements to wastewater system, including sewer lines and other infrastructure, pumping stations and other facilities, land and easements, and equipment	Selectmen
Bridge	2009/12	Constructing, replacing, and rehabilitating bridges and culverts which provide water crossings	Selectmen
Community Building	2017/13	Repair, Renovation, Replacement or Removal of Community Bldg.	Town Meeting
Bow School District (Elementary/Memorial Schools)	1992	Construction, reconstruction or renovations of Bow Schools	School Meeting
Bow School District (HVAC)	1996		School Meeting
Bow High School Capital Improvements	2000		School Meeting
Bow School District Paving	2006/15	Paving in the Bow School District	School Meeting
Athletic Fields and Facilities	2016/8	Athletic Field and Facility Improvements	School Meeting
Area School Capital Improvements - Dunbarton Fees			School Meeting
Trust Funds			
Library Emergency Repairs		Providing funds to address unforeseen emergency or urgent repairs	Library Trustees
Library Building Maintenance	2017/14	Building and Grounds Maintenance and Repair	Town Meeting
Private Water Well Pollution Mitigation			

TOWN OF BOW, NH						
ANNUAL DEBT SERVICE ON OUTSTANDING TOWN AND SCHOOL BONDS						
as of June 30, 2019						
Fiscal Year	2007 Hammond	2008 Water/Sewer	2011 Water/Sewer	2016 Public Safety Bldg	2006 *Memorial School	Total
2019-20	\$64,037.50	\$155,375.00	\$834,325.00	\$358,737.76	\$207,000.00	\$1,619,475.26
2020-21	\$57,731.25	\$150,356.25	\$814,675.00	\$346,689.76	\$198,200.00	\$1,567,652.26
2021-22	\$56,418.75	\$145,818.75	\$795,025.00	\$334,641.76	\$189,400.00	\$1,521,304.26
2022-23	\$55,106.25	\$141,212.50	\$772,100.00	\$322,593.76	\$180,500.00	\$1,471,512.51
2023-24		\$136,537.50	\$741,000.00	\$311,745.76	\$171,500.00	\$1,360,783.26
2024-25		\$131,862.50	\$715,000.00	\$302,097.76	\$162,500.00	\$1,311,460.26
2025-26		\$127,118.75	\$689,000.00	\$291,249.76	\$153,500.00	\$1,260,868.51
2026-27		\$122,306.25	\$663,000.00	\$274,327.26	\$144,500.00	\$1,204,133.51
2027-28		\$117,425.00		\$266,055.26		\$383,480.26
2028-29		\$112,475.00		\$261,308.26		\$373,783.26
2029-30		\$112,475.00		\$261,308.26		\$373,783.26
2030-31				\$239,723.50		
	\$233,293.75	\$1,452,962.50	\$6,024,125.00	\$3,570,478.86	\$1,407,100.00	\$12,448,236.61
*Note: School Bond Debt minus State Revenue						

RSA 33:4-b Debt Limit; Computation. The debt limitations hereinbefore prescribed, except for counties, shall be based upon the applicable last locally assessed valuation of the municipality as last equalized by the commissioner of revenue administration under RSA 21-J:3, XIII and shall include the equalized value of property formerly taxed pursuant to the provisions of RSA 72:7; 72:15, I, V, VII, VIII, IX, X and XI; 72:16; 72:17; 73:26; 73:27 and 73:11 through 16 inclusive, all as amended, which was relieved from taxation by 1970, 5:3, 5:8, and 57:12, as determined under the provisions of RSA 71:11 as amended. Whenever several municipalities possessing the power to incur indebtedness cover or extend over identical territory, each such municipality shall so exercise the power to incur indebtedness of such municipalities **shall not exceed 9.75 percent** of the valuation of the taxable property as hereinbefore determined, except as provided for cooperative school districts under RSA 195:6.

Property Tax Assessments for 2017

For the 2017 tax year, Bow had a total of 3,434 parcels, of which 3,273 were taxable and 161 were tax exempt. The Assessing Department is continuing with the Cycled Inspection process, whereby one-fourth of the town is measured and inspected each year on a rotating basis. The streets and neighborhoods we will be visiting is currently posted on the Town's website. Property owners in the selected area will receive notification from the Assessing Department informing them that a data collector will be in their neighborhood at which time the data collector will measure the outside and ask an adult for permission to inspect the interior of the home. In addition, all properties that have had a building permit issued over the last year or that have sold in the last year will also be visited by the Assessing Department to verify the details of the building permit and or the sale.

The annual tax rate applies to your property's assessed value and determines the amount of tax you will pay. The municipal, the local school district, the county, and the state education taxing agencies all contribute to the total tax rate. The following chart compares the tax rates of each agency per \$1,000 of assessed value for the last five years:

YEAR	2018	2017	2016	2015	2014
Town of Bow	\$8.09	\$7.58	\$6.27	\$6.71	\$7.04
Bow School District	\$14.56	\$15.00	\$14.97	\$16.48	\$17.18
State Education	\$2.17	\$2.19	\$2.22	\$2.38	\$2.42
County	\$2.96	\$3.00	\$2.83	\$2.97	\$2.87
TOTAL RATE	\$27.78	\$27.77	\$26.29	\$28.54	\$29.51

Bow offers various property tax exemptions and credits to eligible residents, including veterans, elderly, blind, and disabled, as well as, for solar and central wood heating systems. All financial information is kept confidential and returned after review. The deadline for all these applications is April 15th.

Bow offers the maximum amount allowed by the State of New Hampshire for all Veteran's Tax Credits. The Veteran's Tax Credits' allocations were as follows for 2018:

Standard Veteran's Tax Credit of \$500 (313)*	\$ 156,250
Permanently Disabled Veteran's Credit of \$2,000 (10)	\$ 20,000
Surviving Spouse of Service member killed of \$2,000 (3)	<u>\$ 6,000</u>
Total Amount of Veterans Credits	\$ 181,250

*Some recipients receive partial credits.

The following is the official summary of inventory in Bow of all real estate which was used to calculate the 2018 tax rate:

Residential Land	\$248,531,924
Commercial/Industrial Land	\$52,245,950
Discretionary Preservation Easement Land	\$2,700
Current Use Land	\$356,595
Total of Taxable Land	\$301,137,169

Residential Buildings	\$588,950,091
Commercial/Industrial	\$120,910,975
Discretionary Preservation Easement Buildings	\$105,600
Total of Taxable Buildings	\$709,966,666
Public Utilities	\$174,253,987
Other Utilities (private water companies)	\$79,300
Total of Utilities	\$174,333,287
Total Valuation (Before exemptions)	\$1,185,437,122
Less Air Pollution Control Exemption to PSNH	-\$14,175,000
Less Improvements to Assessing the Disabled (2)	-\$84,549
Modified Assessed Valuation	\$1,171,177,573
(This is used to calculate the total equalized value)	
Total Exemptions in Bow for 2018:	
Blind Exemption (2)	\$150,000
Elderly Exemption (40)	\$6,219,500
Disabled Exemption (4)	\$572,000
Wood-Heating Exemption (9)	\$21,800
Solar Energy Exemption (8)	\$245,500
Total Amount of Exemptions	\$7,208,800

In 2017, our equalization ratio (the equalization ratio measures the level of assessment and equity for each municipality), as determined by the Department of Revenue Administration was at 95.7%. Based on the 2016 final ratio of 99.8%, the real estate market in Bow increased 4.1% between 2016 and 2017.

The last full revaluation was completed in 2014. The New Hampshire Department of Revenue Administration requires municipalities to complete a full revaluation once every five (5) years. Bow will be required to complete this in 2019. Information about this process can be accessed on the Assessing Department web page at www.bownh.gov.

The new ratio for the Town will be given in the spring 2019. Based on our analysis after the town-wide update the equalization rate for 2018 will be approximately 87.8%. The ratio of 87.8% means our assessments are now approximately 12.2% below market value. This ratio difference between 2017 and 2018 indicates the Bow real estate market continued to increase at a rate of 7.9% for this most recent year.

The average sale price for a single-family home in Bow in 2018 was \$332,000 and the average sale price for a residential condominium was \$331,000.

If you wish to file an abatement application form, because you feel your assessment is not in line with the equalized market value, or if there is a data error on your property record, the deadline is March 1st. Applications are available at www.bownh.gov. For property information, please visit www.visionappraisal.com along with our online maps at www.axisgis.com/BowNH. If you have a question, or you need to obtain the most current, official property information, please contact the Assessing Office. You may call 223-3975, or email the assessor at mhurley@bownh.gov.

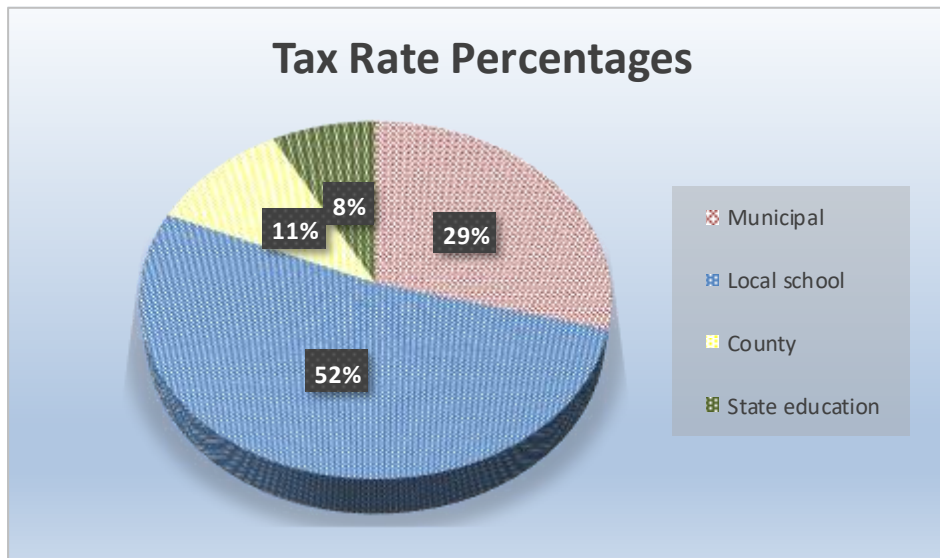
Respectfully Submitted

Monica Hurley, Certified New Hampshire Assessor, Corcoran Consulting Associates
Janette Shuman, Community Development Coordinator

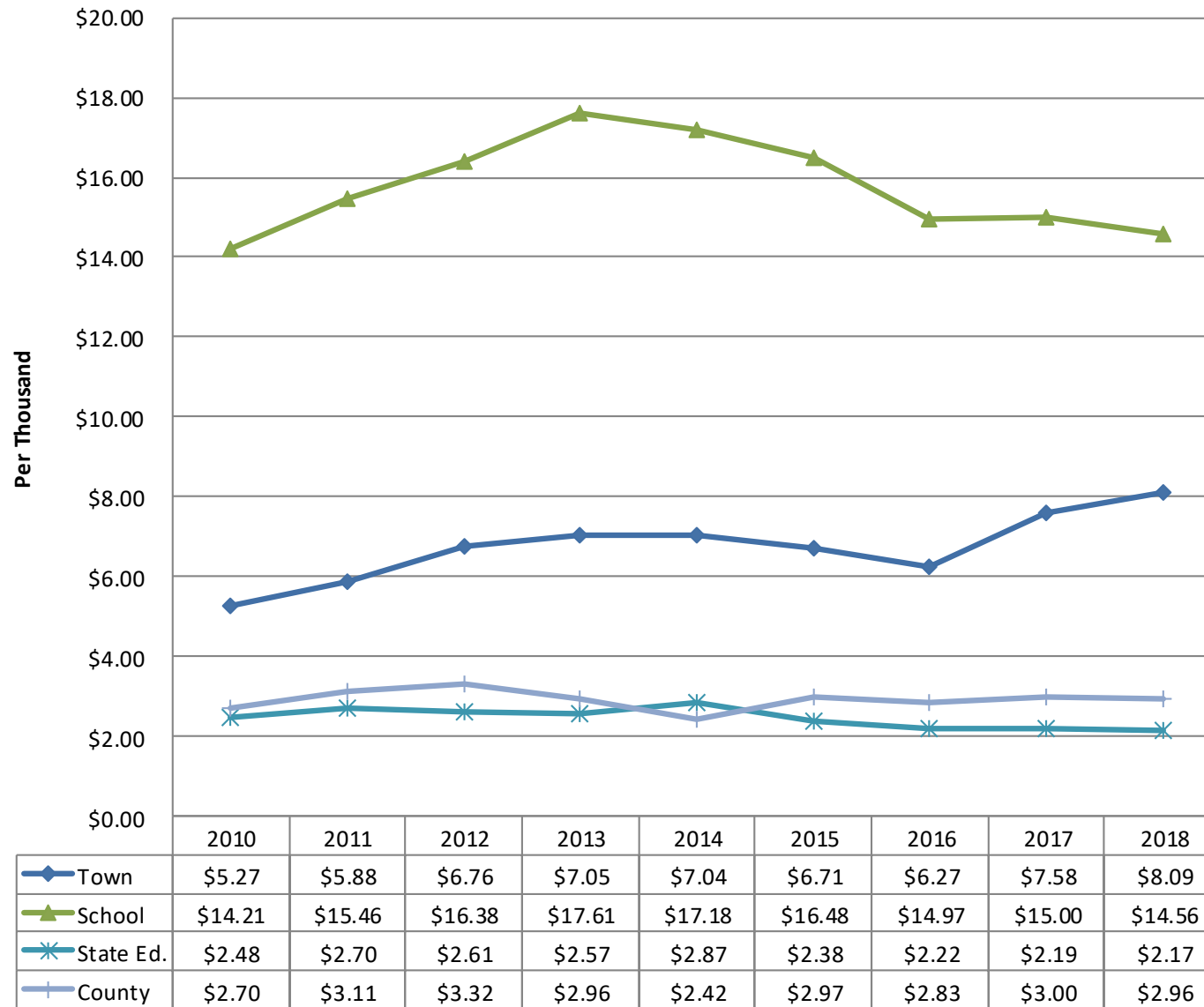
<u>Tax Rate Computation</u>	<u>Assessment</u>	<u>Assessed**</u>	<u>Tax Rate*</u>
Municipal	\$9,416,680	\$1,163,760,273	\$8.09
Local school	\$16,942,745	\$1,163,760,273	\$14.56
County	\$3,449,044	\$1,163,760,273	\$2.96
State education	<u>\$2,173,420</u>	<u>\$1,003,681,286</u>	<u>\$2.17</u>
Total	\$31,981,889		\$27.78

* Tax rate = assessment divided by property valuation

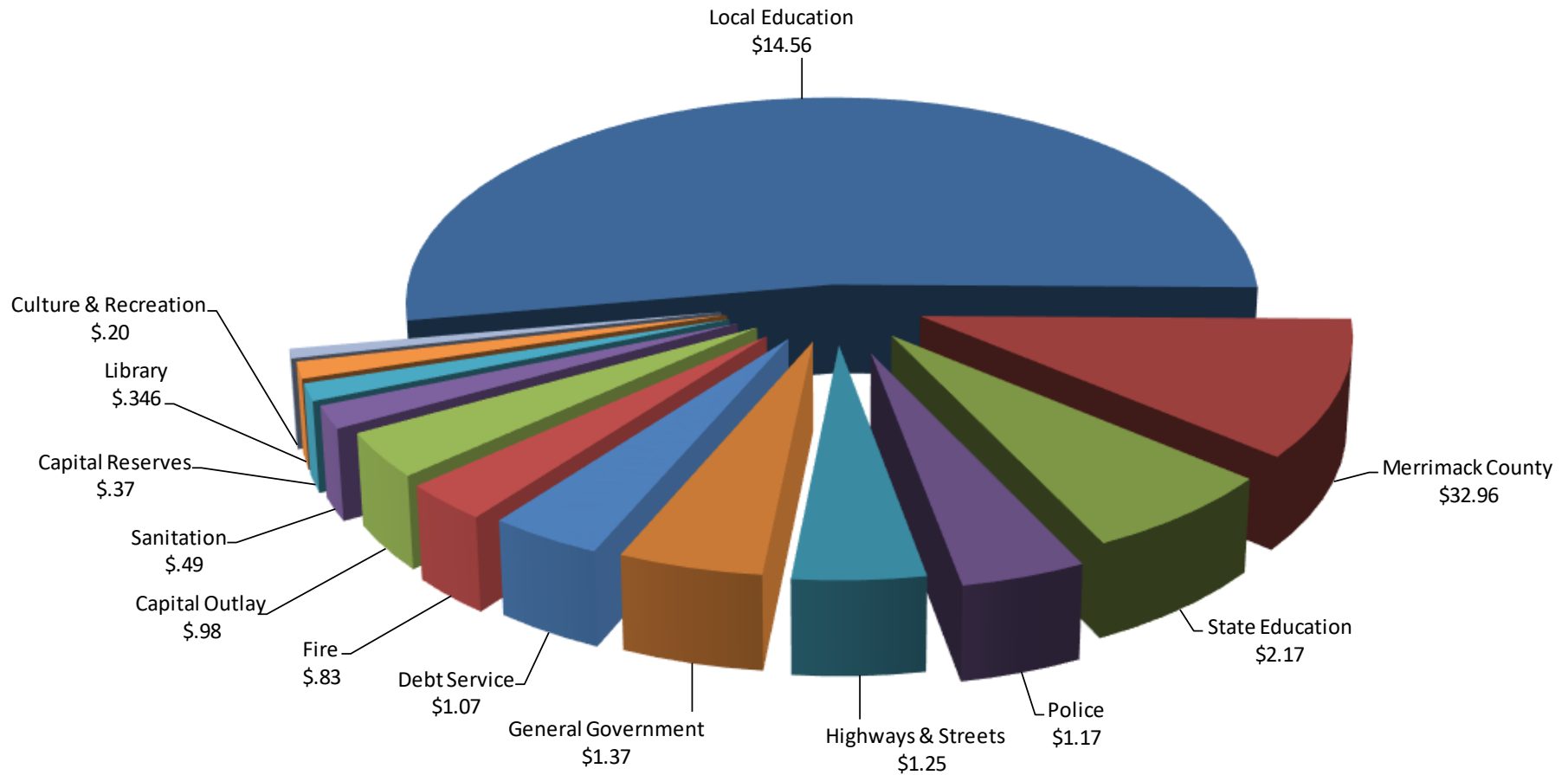
** Assessed Valuation = total taxable assessments less exemptions.



Bow Property Tax Rate Per Thousand



HOW EACH TAX DOLLAR WAS SPENT IN 2018



NH Department of Revenue Administration Report on Full Value Tax Rates

2018 COMPARISON OF FULL VALUE TAX RATES

The full value tax rate represents the estimated tax rate for a municipality if all the taxable property was assessed at 100% and includes the equalized value of properties for which a payment in lieu of property taxes is made.

The full value tax rate is calculated as follows: The 2018 gross local property taxes to be raised as reported by the Department of Revenue Administration, Municipal & Property Division divided by the total equalized valuation including utility values and equalized railroad taxes.

The full value rates are ranked in ascending order from lowest to highest (1-227 for 2018). If two municipalities have the same full value tax rate they are ranked with the same number. The unincorporated towns (signified by N/A) have no 2018 tax rate, and thus are not ranked.

The full value tax rate can only be used to make a limited comparison of what a property in one municipality would pay for taxes to a property of equal value in another municipality.

For example:	Town A	$\frac{100,000 \times 21.95}{1000} =$	\$2,195.00
	Town B	$\frac{100,000 \times 26.56}{1000} =$	\$2,656.00

Prior to making any assumptions or decisions regarding a property owner's tax burden in a municipality, other factors should be considered such as real estate values, municipal services, schools, community make-up, and locational factors including proximity to urban areas, medical facilities, highways, recreation areas, etc.

Complete report can be found at:

<https://www.revenue.nh.gov/mun-prop/property/equalization-2018/index.htm>

2018 COMPARISON OF FULL VALUE TAX RATES RANKING
AVERAGE LEVEL OF ASSESSMENTS (RATIO) SHOWN IN COLUMN 4
PREPARED BY NEW HAMPSHIRE DEPARTMENT OF REVENUE ADMINISTRATION

MUNICIPALITY	2018 VALUATION		COMPARATIVE TAX RATES AND RANKINGS			
	MODIFIED LOCAL ASSESSED VALUATION	TOTAL EQUALIZED VALUATION INCLUDING UTILITIES AND RAILROAD	2018 LOCAL TAX RATE	2018 EQ RATIO	FULL VALUE TAX RATE	RANKING*
Acworth	98,783,050	101,085,258	28.03	97.7	27.28	200
Albany	114,694,800	114,904,929	14.85	99.6	14.74	44
Alexandria	198,301,893	217,410,561	22.78	86.0	20.48	101
Allenstown	294,032,871	311,951,378	30.15	93.0	28.15	204
Alstead	163,681,936	192,021,604	27.05	84.8	22.98	143
Alton	1,723,212,542	1,858,853,638	13.99	92.7	12.94	31
Amherst	1,727,110,308	1,931,642,029	27.23	88.6	24.15	157
Andover	258,804,368	300,348,813	22.94	84.2	19.63	91
Antrim	248,506,937	261,944,474	27.97	94.1	26.36	187
Ashland	246,285,361	252,301,229	26.79	98.4	26.07	184
Atk. & Gilmanton Acad	779,632	793,955	0.00	97.2	0.00	N/A
Atkinson	985,243,564	1,106,509,752	17.93	89.0	15.83	51
Auburn	850,000,716	862,562,861	17.06	99.6	16.68	55
Barnstead	596,155,446	585,222,326	22.25	101.9	22.58	135
Barrington	1,025,070,611	1,130,475,849	24.78	90.8	22.21	130
Bartlett	1,064,505,002	1,194,953,000	9.13	89.1	8.11	15
Bath	123,691,477	112,850,507	21.84	105.7	23.55	149
Beans Grant	510	511	0.00	97.2	0.00	N/A
Beans Purchase	0	0	0.00	97.2	0.00	N/A
Bedford	3,817,180,751	4,233,634,121	20.40	89.9	18.17	69
Belmont	610,323,121	765,145,307	29.25	79.7	23.08	144
Bennington	106,798,755	122,408,249	32.51	85.5	28.09	202
Benton	25,553,130	27,475,326	15.80	95.2	14.58	41
Berlin	412,208,875	405,305,374	39.27	95.8	39.08	225
Bethlehem	263,342,658	271,938,497	25.97	96.8	24.98	174
Boscawen	285,325,322	283,102,431	26.60	100.1	26.67	193
Bow	1,171,177,573	1,226,290,335	27.78	87.9	26.08	185
Bradford	199,794,344	214,719,855	26.95	91.9	24.98	174
Brentwood	576,210,039	654,238,746	25.83	86.1	22.61	136
Bridgewater	348,366,000	426,458,546	9.48	80.7	7.70	14
Bristol	470,421,193	530,162,841	21.80	86.8	19.22	85
Brookfield	97,213,704	126,454,415	21.18	76.3	16.23	53
Brookline	657,820,818	646,726,705	29.56	100.9	29.82	212
Cambridge	8,994,900	9,228,392	0.00	97.2	0.00	N/A
Campton	387,100,840	450,210,564	25.53	85.8	21.72	122
Canaan	345,539,939	363,008,678	32.27	94.7	30.33	214
Candia	399,311,416	526,936,939	24.08	75.7	18.07	68
Canterbury	262,742,221	302,690,458	26.57	86.4	22.89	142
Carroll	326,642,854	373,773,892	19.69	87.6	17.15	59
Center Harbor	432,477,747	484,138,498	14.34	89.3	12.79	29
Chandlers Purchase	39,060	40,124	0.00	97.2	0.00	N/A
Charlestown	283,850,230	302,870,905	37.54	90.5	34.86	220
Chatham	49,294,119	56,164,076	16.33	89.0	14.29	38
Chester	577,015,800	683,143,967	24.25	81.3	19.88	95
Chesterfield	517,213,700	531,672,023	20.16	97.3	19.54	88

2018 COMPARISON OF FULL VALUE TAX RATES RANKING
 AVERAGE LEVEL OF ASSESSMENTS (RATIO) SHOWN IN COLUMN 4
 PREPARED BY NEW HAMPSHIRE DEPARTMENT OF REVENUE ADMINISTRATION

MUNICIPALITY	2018 VALUATION		COMPARATIVE TAX RATES AND RANKINGS			
	MODIFIED LOCAL ASSESSED VALUATION	TOTAL EQUALIZED VALUATION INCLUDING UTILITIES AND RAILROAD	2018 LOCAL TAX RATE	2018 EQ RATIO	FULL VALUE TAX RATE	RANKING*
Chichester	320,004,232	317,850,605	23.42	99.6	23.41	146
Claremont	739,381,277	720,819,194	42.08	100.5	42.12	227
Clarksville	41,419,974	50,586,802	17.95	87.1	14.62	42
Colebrook	181,315,478	168,906,363	30.13	104.7	32.11	217
Columbia	84,223,416	77,387,268	17.46	91.1	18.26	71
Concord	4,263,930,131	4,430,221,635	28.19	96.0	27.00	195
Conway	1,472,221,786	1,762,458,083	19.77	82.6	16.40	54
Cornish	178,446,976	190,993,150	21.99	92.7	20.43	100
Crawfords Purchase	224,410	230,867	0.00	97.2	0.00	N/A
Croydon	90,553,669	94,973,325	16.23	94.8	15.39	48
Cutts Grant	0	0	0.00	97.2	0.00	N/A
Dalton	81,935,086	88,672,181	23.86	96.2	21.89	124
Danbury	109,150,635	119,403,295	23.50	91.4	21.40	116
Danville	404,542,351	465,235,605	27.94	86.1	23.98	154
Deerfield	581,899,658	638,390,404	23.07	85.1	20.69	106
Deering	184,878,351	213,675,248	30.05	83.5	25.44	178
Derry	3,253,760,807	3,466,070,328	26.03	93.9	23.81	152
Dix Grant	969,563	989,540	0.00	97.2	0.00	N/A
Dixville	7,851,044	30,817,044	7.50	97.2	1.90	2
Dorchester	40,151,257	41,013,904	23.19	98.1	22.65	137
Dover	3,525,784,490	3,800,061,275	24.92	92.7	22.56	134
Dublin	231,339,831	269,909,020	28.43	85.4	24.33	162
Dummer	98,963,413	69,226,630	14.16	103.4	18.28	72
Dunbarton	311,180,504	365,763,841	22.53	82.1	19.02	81
Durham	1,200,967,997	1,224,495,847	26.80	96.5	25.96	182
East Kingston	315,047,678	381,781,192	26.05	78.8	21.33	115
Easton	63,646,958	73,271,224	11.78	87.2	10.20	20
Eaton	112,117,971	119,415,752	12.67	93.6	11.87	26
Effingham	167,639,615	179,465,229	22.25	91.4	20.69	106
Ellsworth	13,609,932	15,268,587	26.39	90.5	23.46	147
Enfield	552,350,836	602,707,586	26.41	91.6	23.56	150
Epping	721,262,600	920,448,512	25.94	77.8	20.12	97
Epsom	430,771,971	501,563,009	25.97	85.3	22.20	129
Errol	86,533,282	87,449,020	13.25	97.1	12.88	30
Erving's Grant	45,672	81,341	0.00	97.2	0.00	N/A
Exeter	1,799,836,665	2,265,892,850	27.50	79.4	21.21	112
Farmington	455,268,527	538,204,104	26.26	83.6	21.83	123
Fitzwilliam	291,926,384	280,641,531	24.11	97.3	24.56	168
Fracestown	192,470,090	205,469,598	26.74	92.8	24.99	175
Franconia	286,067,562	301,786,563	18.92	94.2	17.87	62
Franklin	694,407,728	670,157,902	21.96	100.4	22.24	131
Freedom	493,739,068	574,832,126	12.93	85.8	11.08	23
Fremont	411,286,630	510,701,553	29.40	79.4	23.55	149
Gilford	1,775,211,412	2,045,805,492	17.04	86.8	14.75	45
Gilmanton	462,055,540	509,292,422	25.34	89.8	22.84	141

2018 COMPARISON OF FULL VALUE TAX RATES RANKING
 AVERAGE LEVEL OF ASSESSMENTS (RATIO) SHOWN IN COLUMN 4
 PREPARED BY NEW HAMPSHIRE DEPARTMENT OF REVENUE ADMINISTRATION

MUNICIPALITY	2018 VALUATION		COMPARATIVE TAX RATES AND RANKINGS			
	MODIFIED LOCAL ASSESSED VALUATION	TOTAL EQUALIZED VALUATION INCLUDING UTILITIES AND RAILROAD	2018 LOCAL TAX RATE	2018 EQ RATIO	FULL VALUE TAX RATE	RANKING*
Gilsum	61,606,129	67,477,339	26.72	89.6	24.26	160
Goffstown	1,709,948,600	1,748,983,789	18.60	96.0	17.94	63
Gorham	271,143,354	251,992,259	36.51	95.6	38.62	224
Goshen	72,525,859	75,392,995	28.14	96.1	26.99	194
Grafton	117,116,120	126,512,313	28.79	91.2	26.55	189
Grantham	468,504,006	527,975,284	26.09	88.3	23.09	145
Greenfield	140,290,259	171,057,782	30.72	86.1	25.11	177
Greenland	856,248,400	899,459,343	15.79	94.8	14.94	47
Greens Grant	5,684,690	5,908,406	6.69	97.2	6.41	9
Greenville	117,404,993	115,953,539	29.22	99.7	29.39	209
Groton	81,063,550	143,291,851	14.00	94.0	7.53	12
Hadleys Purchase	0	0	0.00	97.2	0.00	N/A
Hales Location	75,043,900	80,441,983	3.30	93.3	3.07	3
Hampstead	1,039,346,504	1,322,340,266	25.52	78.1	19.86	94
Hampton	3,392,093,700	3,910,241,468	17.02	86.4	14.56	40
Hampton Falls	487,497,500	514,595,238	19.90	94.9	18.71	77
Hancock	251,096,642	260,206,125	23.57	95.6	22.66	138
Hanover	2,321,646,418	2,419,257,363	17.78	96.0	17.04	57
Harrisville	206,064,023	206,499,477	16.78	99.7	16.72	56
Hart's Location	16,374,686	17,387,763	4.96	95.8	4.62	5
Haverhill	346,377,809	344,848,880	31.30	96.0	31.20	216
Hebron	263,205,895	314,060,053	8.36	84.7	6.97	10
Henniker	408,895,830	479,820,416	33.69	84.2	28.21	205
Hill	89,965,557	91,682,520	24.86	93.7	24.18	158
Hillsborough	525,448,235	544,949,872	29.50	93.1	28.14	203
Hinsdale	347,643,446	334,411,268	35.20	93.8	35.68	222
Holderness	753,032,609	779,896,927	12.87	96.6	12.38	28
Hollis	1,357,730,325	1,442,825,637	21.67	93.2	20.23	98
Hooksett	2,035,226,204	2,064,241,846	22.12	95.4	21.30	114
Hopkinton	627,362,122	727,312,550	34.74	85.2	29.61	211
Hudson	3,143,927,643	3,333,547,933	20.10	91.6	18.65	74
Jackson	402,570,482	411,811,613	11.61	98.0	11.33	25
Jaffrey	427,443,221	551,057,924	33.00	77.4	24.55	167
Jefferson	127,896,598	136,272,571	21.06	91.2	19.56	89
Keene	1,877,585,459	1,920,248,283	37.12	95.9	35.22	221
Kensington	390,042,327	389,860,831	18.55	98.6	18.33	73
Kilkenny	11,220	11,222	0.00	97.2	0.00	N/A
Kingston	839,978,754	849,187,233	21.04	97.5	20.61	104
Laconia	2,195,964,959	2,356,622,629	20.85	93.9	19.06	82
Lancaster	275,877,722	264,790,026	26.16	101.9	27.08	196
Landaff	51,062,719	50,967,496	19.55	98.6	19.50	87
Langdon	57,492,883	60,831,100	28.39	94.6	26.66	192
Lebanon	1,917,212,921	2,299,303,995	29.72	85.7	24.59	169
Lee	458,136,887	560,387,773	30.57	81.7	24.50	164
Lempster	109,160,378	146,334,522	29.25	91.1	21.71	121

2018 COMPARISON OF FULL VALUE TAX RATES RANKING
AVERAGE LEVEL OF ASSESSMENTS (RATIO) SHOWN IN COLUMN 4
PREPARED BY NEW HAMPSHIRE DEPARTMENT OF REVENUE ADMINISTRATION

MUNICIPALITY	2018 VALUATION		COMPARATIVE TAX RATES AND RANKINGS			
	MODIFIED LOCAL ASSESSED VALUATION	TOTAL EQUALIZED VALUATION INCLUDING UTILITIES AND RAILROAD	2018 LOCAL TAX RATE	2018 EQ RATIO	FULL VALUE TAX RATE	RANKING*
Lincoln	847,148,614	966,300,010	14.16	85.9	12.34	27
Lisbon	107,829,681	127,096,189	31.42	84.1	26.44	188
Litchfield	907,402,901	1,021,089,644	23.31	86.8	20.52	102
Littleton	819,193,381	772,041,477	23.10	101.0	23.71	151
Livermore	136,600	136,600	0.00	100.0	0.00	N/A
Londonderry	3,991,987,967	4,505,177,871	21.80	83.3	18.69	76
Loudon	570,044,257	666,417,289	22.06	84.9	18.66	75
Low & Burbanks Grant	0	0	0.00	97.2	0.00	N/A
Lyman	59,631,933	66,087,748	22.64	89.7	20.30	99
Lyme	355,125,500	371,287,201	27.19	94.6	25.58	179
Lyndeborough	167,478,504	173,328,623	28.21	96.6	27.18	198
Madbury	241,868,677	275,891,455	29.98	85.8	25.89	181
Madison	482,142,867	583,110,919	18.93	81.6	15.59	50
Manchester	9,176,327,711	11,193,031,549	23.68	81.9	19.11	84
Marlborough	175,312,902	191,799,073	33.17	91.5	30.25	213
Marlow	64,577,175	66,615,528	25.43	97.1	24.54	166
Martins Location	146,480	146,480	0.00	97.2	0.00	N/A
Mason	155,291,496	180,090,575	25.18	85.9	21.62	119
Meredith	1,940,180,023	2,246,261,402	15.62	86.7	13.46	32
Merrimack	3,451,396,086	3,868,073,978	24.12	87.8	21.25	113
Middleton	183,739,972	181,205,806	27.99	99.8	28.29	207
Milan	127,635,445	116,043,852	23.94	97.1	25.78	180
Milford	1,393,529,990	1,648,363,439	29.23	84.3	24.51	165
Millsfield	8,792,697	93,616,420	6.86	97.2	0.64	1
Milton	417,257,539	479,105,162	25.48	88.3	21.96	125
Monroe	437,476,122	360,553,652	10.69	100.1	10.93	21
Mont Vernon	260,881,424	317,085,988	30.42	82.2	24.91	172
Moultonborough	3,093,794,584	3,293,899,857	7.72	93.3	7.22	11
Nashua	10,459,153,945	10,982,386,438	21.21	93.9	19.76	92
Nelson	122,810,371	126,893,176	18.26	95.8	17.59	61
New Boston	664,144,347	708,703,743	23.87	92.6	22.18	128
New Castle	729,121,192	735,513,859	6.00	99.0	5.94	8
New Durham	409,548,940	488,665,542	23.35	83.7	19.50	87
New Hampton	331,464,883	323,830,318	17.87	97.9	18.02	66
New Ipswich	393,231,392	438,329,934	28.00	88.0	24.92	173
New London	1,150,062,600	1,260,109,631	15.71	91.0	14.30	39
Newbury	742,472,149	843,201,051	15.50	88.1	13.63	36
Newfields	299,941,111	296,136,476	19.85	101.3	19.88	95
Newington	1,023,883,390	1,011,260,548	9.27	93.7	8.21	16
Newmarket	769,326,892	1,038,877,983	29.24	74.1	21.44	117
Newport	439,063,585	454,765,652	30.40	94.6	28.99	208
Newton	511,973,611	602,415,681	25.58	84.8	21.58	118
North Hampton	1,196,554,550	1,307,089,735	16.24	91.5	14.73	43
Northfield	350,837,076	369,255,187	22.46	93.2	20.72	107
Northumberland	124,085,809	101,872,206	34.04	100.1	40.39	226

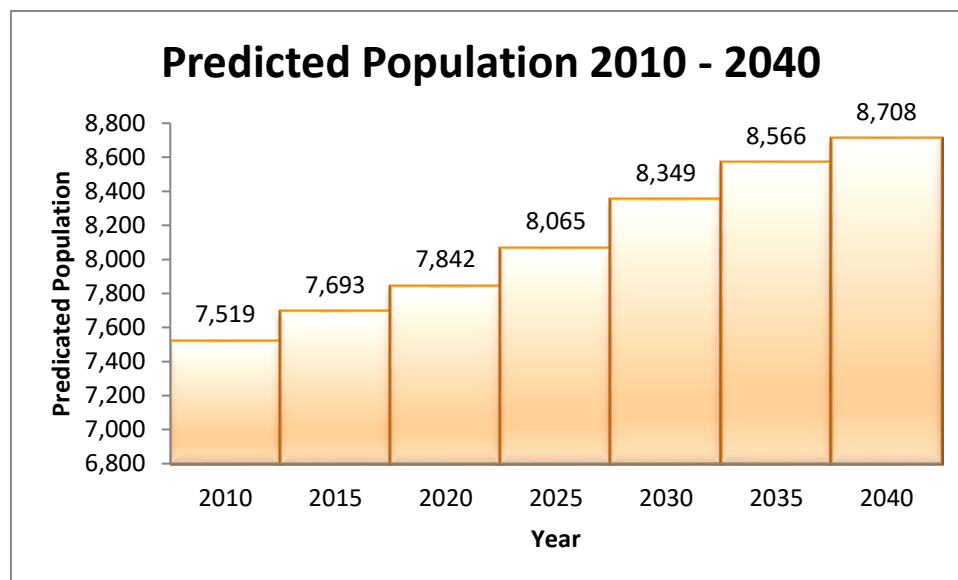
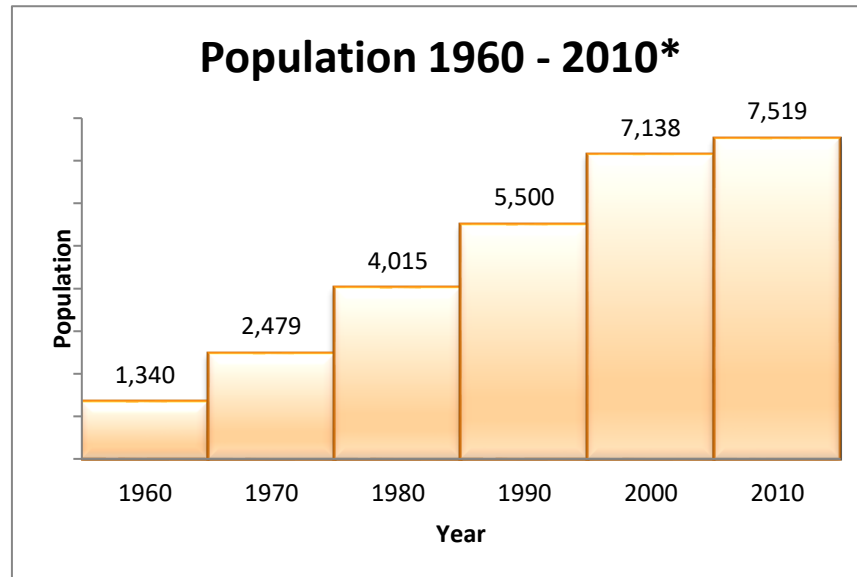
2018 COMPARISON OF FULL VALUE TAX RATES RANKING
AVERAGE LEVEL OF ASSESSMENTS (RATIO) SHOWN IN COLUMN 4
PREPARED BY NEW HAMPSHIRE DEPARTMENT OF REVENUE ADMINISTRATION

MUNICIPALITY	2018 VALUATION		COMPARATIVE TAX RATES AND RANKINGS			
	MODIFIED LOCAL ASSESSED VALUATION	TOTAL EQUALIZED VALUATION INCLUDING UTILITIES AND RAILROAD	2018 LOCAL TAX RATE	2018 EQ RATIO	FULL VALUE TAX RATE	RANKING*
Northwood	481,850,478	583,214,584	25.68	82.3	20.93	109
Nottingham	625,877,954	698,767,855	22.64	88.7	19.99	96
Odell	2,239,344	2,864,283	7.35	97.2	5.75	7
Orange	32,423,741	34,650,357	25.87	92.9	24.10	156
Orford	136,989,128	162,044,472	27.84	84.3	23.49	148
Ossipee	656,360,456	792,378,631	20.80	82.4	17.10	58
Pelham	1,774,616,484	2,007,554,883	21.46	87.8	18.86	78
Pembroke	664,186,436	721,824,831	26.24	90.2	24.03	155
Peterborough	726,301,796	746,929,806	30.09	97.2	28.26	206
Piermont	97,443,634	102,470,881	23.96	94.2	22.69	139
Pinkhams Grant	2,950,770	4,726,848	9.28	97.2	5.62	6
Pittsburg	285,762,858	296,066,927	15.18	96.6	14.56	40
Pittsfield	266,642,787	286,808,717	33.35	90.4	30.65	215
Plainfield	304,353,710	297,829,544	26.90	101.4	27.10	197
Plaistow	1,014,139,678	1,257,571,268	24.59	79.9	19.57	90
Plymouth	483,944,656	490,795,359	25.30	95.6	24.75	171
Portsmouth	5,586,547,477	6,139,020,401	15.84	90.6	14.30	39
Randolph	70,475,514	63,487,443	14.51	108.5	15.93	52
Raymond	944,572,185	1,110,988,146	26.35	83.6	22.10	126
Richmond	100,811,752	101,788,062	27.77	96.9	27.35	201
Rindge	547,444,538	658,633,750	27.50	82.8	22.25	132
Rochester	2,379,982,314	2,749,699,018	27.52	86.9	23.08	144
Rollinsford	282,071,473	312,597,812	24.14	90.2	21.64	120
Roxbury	22,976,810	26,804,403	25.00	96.8	21.33	115
Rumney	177,547,913	172,751,311	24.22	96.8	24.65	170
Rye	2,147,545,700	2,573,775,093	10.11	83.5	8.41	17
Salem	4,510,138,201	5,311,047,505	21.61	84.3	18.23	70
Salisbury	149,803,721	150,546,664	23.26	95.8	22.78	140
Sanbornton	529,906,813	527,491,542	19.32	99.9	19.34	86
Sandown	666,500,800	717,249,385	26.54	92.9	24.29	161
Sandwich	401,398,744	430,803,676	14.60	92.6	13.54	34
Sargents Purchase	1,888,530	1,942,932	0.00	97.2	0.00	N/A
Seabrook	2,727,732,650	2,694,324,175	16.25	91.5	15.45	49
Second College Grant	1,329,376	1,349,188	0.00	97.2	0.00	N/A
Sharon	51,335,694	52,203,221	21.36	97.8	20.96	110
Shelburne	78,494,593	60,494,354	15.33	108.9	18.86	78
Somersworth	858,685,974	1,096,043,476	33.41	78.4	26.03	183
South Hampton	169,485,329	161,064,527	16.67	104.1	17.22	60
Springfield	204,788,267	218,434,155	22.65	91.5	21.10	111
Stark	72,499,576	69,952,949	17.96	89.8	18.01	65
Stewartstown	109,176,075	99,742,365	22.51	96.4	24.22	159
Stoddard	258,129,470	277,917,514	15.99	92.0	14.78	46
Trafford	479,997,200	592,452,122	23.63	80.9	19.10	83
Stratford	79,276,115	58,986,803	23.01	93.2	29.47	210
Stratham	1,279,279,604	1,488,460,499	21.00	85.8	17.97	64

2018 COMPARISON OF FULL VALUE TAX RATES RANKING
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MUNICIPALITY	2018 VALUATION		COMPARATIVE TAX RATES AND RANKINGS			
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Success	12,086,821	12,817,383	11.67	97.2	11.00	22
Sugar Hill	148,681,677	154,584,955	20.67	95.4	19.82	93
Sullivan	52,675,909	54,498,659	33.69	95.2	32.25	218
Sunapee	1,229,316,113	1,413,083,541	15.57	86.8	13.53	33
Surry	80,793,852	87,051,484	22.23	95.6	20.55	103
Sutton	258,908,935	307,035,472	28.04	84.3	23.56	150
Swansey	559,192,755	613,564,015	29.69	89.1	26.61	190
Tamworth	350,397,185	385,236,558	23.06	92.3	20.80	108
Temple	141,512,747	152,495,285	25.72	92.0	23.82	153
Thom. & Mes. Purchase	5,362,930	5,859,210	4.57	97.2	4.18	4
Thornton	372,786,642	401,352,542	20.48	92.4	18.94	79
Tilton	516,208,745	600,586,217	22.33	84.3	18.97	80
Troy	130,399,553	131,400,266	34.78	99.2	34.23	219
Tuftonboro	985,946,754	1,110,170,124	11.18	88.1	9.90	19
Unity	127,098,084	139,241,622	29.94	90.6	27.21	199
Wakefield	1,118,178,965	1,110,434,836	11.26	100.0	11.30	24
Walpole	449,450,178	425,296,254	25.02	100.2	26.19	186
Warner	287,787,425	335,936,087	28.62	84.4	24.26	160
Warren	84,030,989	76,172,099	23.11	94.5	24.98	174
Washington	241,506,110	246,117,115	19.53	97.4	19.11	84
Waterville Valley	330,335,625	344,039,851	14.14	96.3	13.56	35
Weare	871,183,632	962,815,271	23.03	88.8	20.63	105
Webster	237,314,818	219,655,302	21.54	100.1	22.98	143
Wentworth	95,884,602	105,898,363	24.89	86.3	22.35	133
Wentworth Location	7,589,654	7,807,111	7.85	97.2	7.60	13
Westmoreland	165,536,233	172,762,205	25.48	95.6	24.37	163
Whitefield	212,352,824	199,244,221	25.30	100.2	26.62	191
Wilmot	179,796,631	198,505,825	24.49	89.7	22.12	127
Wilton	373,243,345	426,552,182	28.76	87.2	25.10	176
Winchester	275,279,460	264,437,484	34.73	101.7	35.82	223
Windham	2,360,205,960	2,922,141,124	23.29	80.7	18.69	76
Windsor	28,017,752	29,944,124	9.57	97.9	8.90	18
Wolfeboro	1,982,543,643	2,239,637,751	15.80	88.6	13.95	37
Woodstock	228,798,140	273,824,277	21.73	83.9	18.05	67
	175,901,481,505	194,656,334,187				

Actual and Predicted Population 1960 -2030



*US Census Bureau, Decennial Census

**NH Office of Strategic Initiatives, Fall, 2016

END OF REPORT